



STIC Search Report

EIC 3600

STIC Database Tracking Number: 118281

TO: Harish T Dass
Location: cpk5 7D21
Art Unit : 3628
Wednesday, March 31, 2004

Case Serial Number: 09/586881

From: Sylvia Keys
Location: EIC 3600
PK5-Suite 804
Phone: 305-5782

sylvia.keys@uspto.gov

Search Notes

Dear Examiner Dass,

Please read through the results.

If you have any questions, please do not hesitate to contact me.

Sylvia

SEARCH REQUEST FORM**Scientific and Technical Information Center**

Requester's Full Name: Herish, Lassi Examiner #: 11/11 Date: 11/11/97
 Art Unit: 3628 Phone Number 305-4694 Serial Number: 09/586,881
 Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc. if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Payment system & method using token
 Inventors (please provide full names): Herish, Lassi

Earliest Priority Filing Date: 11/20/1997

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Collecting payments in a distributed, distributed, Internet
 environment (Internet)

* pay for service and product over Internet
 using tokens or "digital cash"

* Purchasing tokens ~~over~~ or "digital cash" from
 seller over Internet

* See claim 1 specially a & d.
 * See claim 2 f.

Deane Rush

Herish

STAFF USE ONLY**Type of Search****Vendors and cost where applicable**

Searcher: _____	NA Sequence (#) _____	STN _____
Searcher Phone #: _____	AA Sequence (#) _____	Dialog _____
Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: _____	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____

File 9:Business & Industry(R) Jul/1994-2004/Mar 31
(c) 2004 The Gale Group
File 15:ABI/Inform(R) 1971-2004/Mar 31
(c) 2004 ProQuest Info&Learning
File 20:Dialog Global Reporter 1997-2004/Apr 01
(c) 2004 The Dialog Corp.
File 95:TEME-Technology & Management 1989-2004/Mar W2
(c) 2004 FIZ TECHNIK
File 476:Financial Times Fulltext 1982-2004/Apr 01
(c) 2004 Financial Times Ltd
File 610:Business Wire 1999-2004/Apr 01
(c) 2004 Business Wire.
File 613:PR Newswire 1999-2004/Apr 01
(c) 2004 PR Newswire Association Inc
File 624:McGraw-Hill Publications 1985-2004/Mar 31
(c) 2004 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2004/Mar 31
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File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 16:Gale Group PROMT(R) 1990-2004/Apr 01
(c) 2004 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2004/Mar 30
(c)2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2004/Apr 01
(c) 2004 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Apr 01
(c) 2004 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2004/Apr 01
(c) 2004 The Gale Group
File 608:KR/T Bus.News. 1992-2004/Apr 01
(c)2004 Knight Ridder/Tribune Bus News
File 625:American Banker Publications 1981-2004/Apr 01
(c) 2004 American Banker
File 268:Banking Info Source 1981-2004/Mar W3
(c) 2004 ProQuest Info&Learning
File 626:Bond Buyer Full Text 1981-2004/Apr 01
(c) 2004 Bond Buyer
File 267:Finance & Banking Newsletters 2004/Mar 31
(c) 2004 The Dialog Corp.

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Set	Items	Description
S1	316	ELECTRONIC() (TOKEN OR TOKENS)
S2	36	S1(5N) (PURCHAS? OR BUY OR BUYS OR BUYING OR BOUGHT OR TRANSACTION OR TRANSACTIONS)
S3	7	S1(5N) (STORING OR STORE? ? OR DB OR DATABASE? OR DATA()BASE?)
S4	0	S1(5N) (REPORT OR REPORTS OR DRAFT OR DRAFTS)
S5	12	S1(5N) (CREDIT OR CREDITS OR TRANSFER OR TRANSFERS OR TRANSFERRING?)
S6	20	S1(5N) (MONITOR? OR CANCEL? OR USAGE OR VERIF? OR COMPAR? OR TRACK? OR CONTROL? OR IDENTIF? OR STATUS)
S7	138572	(COLLECT? OR TRACK? OR MONITOR? OR IDENTIF?) (3N) (PAYMENT OR PAYMENTS OR FEE OR FEES OR CHARGE OR CHARGES)
S8	1244546	(PURCHAS? OR BUY OR BUYS OR BUYING OR BOUGHT) (5N) (SERVICE - OR SERVICES OR PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHA-

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NDISE?)
S9      3    AU=(BARKAN, M? OR BARKAN M?)
S10     19   S2 NOT PY>1997
S11     9    RD (unique items)
S12     6    S3 NOT S11
S13     5    RD (unique items)
S14     11   S5 NOT (S11 OR S12)
S15     9    S14 NOT PY>1997
S16     5    RD (unique items)
S17     18   S6 NOT (S11 OR S12 OR S14)
S18     10   S17 NOT PY>1997
S19     10   RD (unique items)
S20     10   S1(S) (S7 OR S8)
S21     15   S1(S) (REPORT OR REPORTS OR DRAFT OR DRAFTS)
S22     14   S21 NOT (S11 OR S12 OR S14 OR S19)
S23     13   S22 NOT PY>1997
S24     6    RD (unique items)

```

11/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2004 The Gale Group. All rts. reserv.

1516013 Supplier Number: 01516013 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Software Stores Up & Running
(Software resellers are setting up electronic stores to sell and deliver software over Internet; electronic distribution reportedly has advantages including immediate delivery)
Information Week, p 83
June 17, 1996
DOCUMENT TYPE: Journal ISSN: 8750-6874 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1361

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...Marwick.

Their alliance, the Electronic Licensing and Security Initiative, will develop a system that uses **electronic tokens** to track software **purchases**, rentals, and licenses. Microsoft, IBM, and AT&T already have endorsed the ELSI initiative.
If...

11/3,K/2 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01061713 97-11107
Here comes E-cash, but Washington isn't ready
Peyton, David
Computerworld v29n27 PP: 37 Jul 3, 1995
ISSN: 0010-4841 JRNL CODE: COW
WORD COUNT: 504

...TEXT: new payment systems in which at least one party cannot identify another party to the **transaction**, even as **electronic tokens** laden with monetary value pass from one to the other. Off-line, it means smart...

11/3,K/3 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00918383 95-67775
Digital cash solution sought
Anthes, Gary H
Computerworld v28n39 PP: 24 Sep 26, 1994
ISSN: 0010-4841 JRNL CODE: COW
WORD COUNT: 510

...TEXT: liable when tokens are lost, stolen or counterfeited? Will users be assessed a fee when **buying electronic tokens**? Who, if anyone, will maintain records of digital cash flows?

Yet the report did set...

11/3,K/4 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00840169 94-89561
Interactive banking gets a push up north
Anonymous
Bank Systems & Technology v31n3 PP: 6 Mar 1994
ISSN: 1045-9472 JRNL CODE: BSE
WORD COUNT: 580

...TEXT: the interactive purchase of goods and service--all with TV platforms.

"We can have an **electronic 'token'** like [a chip] you **buy** when you go into a casino, which customers can use in UBI," said National Bank...

11/3,K/5 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

05372856 Supplier Number: 48170571 (USE FORMAT 7 FOR FULLTEXT)
Payment Solutions Evolving to Allow More Spontaneous Gameplay
Multimedia Wire, v4, n239, pN/A
Dec 10, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 301

... maintains it's the model of the future. "The 'pre-paid' model allows players to **buy electronic tokens** and convert them into playtime. That's the next commerce wave," says Jones. "Users will **buy electronic tokens** using a credit card, over the phone or at a retail counter...If you have...

11/3,K/6 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

04476912 Supplier Number: 46572094 (USE FORMAT 7 FOR FULLTEXT)
UK - Self Service Govt Using PC Online Access 07/25/96
Newsbytes, pN/A
July 25, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 394

... dealing with the government, Freeman said that ministers are looking closely at ways of authenticating **transactions**, possibly by the used of **electronic token** such as a smart card. Newsbytes notes that the British government plans to phase in...

11/3,K/7 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

03493140 Supplier Number: 44885524 (USE FORMAT 7 FOR FULLTEXT)

MONEY BECOMES THE ISSUE ON THE INTERNET

Computer Business Review, n15, pN/A

August 1, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1046

... most widely used currency on the Internet. As part of a consortium, it will provide **electronic tokens** which can be used to **buy** access to 'World Wide Web' multimedia pages on the Internet. They could enable electronic information...

11/3,K/8 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

08758135 SUPPLIER NUMBER: 18409884 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Software stores up & running. (resellers rush to establish electronic stores to sell software) (includes related article on purchasing software online) (Industry Trend or Event)

Swenson, John

InformationWeek, n584, p83(3)

June 17, 1996

ISSN: 8750-6874 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1682 LINE COUNT: 00144

...ABSTRACT: products. The Electronic Licensing and Security Initiative is developing a system that tracks software rentals, **purchases** and licenses with **electronic tokens**. The initiative has already been endorsed by AT&T, IBM and Microsoft.

... Marwick.

Their alliance, the Electronic Licensing and Security Initiative, will develop a system that uses **electronic tokens** to track software **purchases**, rentals, and licenses. Microsoft, IBM, and AT&T already have endorsed the ELSI initiative.

If...

11/3,K/9 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

01388227 Supplier Number: 41764173 (USE FORMAT 7 FOR FULLTEXT)

SPECIAL REPORT: NEW BRITISH FIRMS START BROADCAST SERVICES FOR CONSUMER INFORMATION, FAX PUBLISHING

Data Broadcasting Report, v6, n8, pN/A

Jan, 1991

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1565

... is free, it receives the publication.

Using the "impulse pay and print" method, a subscriber **purchases electronic tokens**, which are broadcast to his receiver. When a Faxcast arrives, an LCD on the receiver...

?

13/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02153413 70081839

Funny money: Are smartcards just a joke?

Story, Mark

New Zealand Management v48n2 PP: 18-22 Mar 2001

ISSN: 1174-5339 JRNL CODE: MNZ

WORD COUNT: 2192

...TEXT: an alternative to paper currency and coins. The central idea is that a cash equivalent (**electronic token** or **stored** value) can be exchanged immediately for goods and services, with no reliance on traditional payment...

13/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01739272 03-90262

Outlook 1999

Anonymous

Futurist v32n9 PP: S1-S7 Dec 1998

ISSN: 0016-3317 JRNL CODE: FUS

WORD COUNT: 4066

...TEXT: pay for purchases with digital tokens. These could be in the form of icons or **electronic tokens stored** on a computer's hard drive and transmitted over the Internet.

-Coates and Bonorris, Aug...

13/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01673177 03-24167

Digital money: Electronic cash may make sense

Coates, Vary; Bonorris, Steven

Futurist v32n6 PP: 22-25 Aug/Sep 1998

ISSN: 0016-3317 JRNL CODE: FUS

WORD COUNT: 2740

...ABSTRACT: of digital information. Many kinds of digital money have been invented or proposed: icons or **electronic tokens stored** on a computer's hard drive and transmitted over the Internet using a modem and ...

...TEXT: of digital information. Many kinds of digital money have been invented or proposed: icons or **electronic tokens stored** on a computer's hard drive and transmitted over the Internet using a modem and ...

13/3,K/4 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

18251755 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Coke adds life to vending in NTT tie-up

Dan Sabbagh

DAILY TELEGRAPH

August 09, 2001

JOURNAL CODE: FDTL LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 184

... developed a vending machine that will allow Tokyo youths to buy Coke just by using **electronic tokens stored** on their mobile phones from September, when the first of 25 machines are deployed.

13/3,K/5 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

07613777 SUPPLIER NUMBER: 16563340 (USE FORMAT 7 OR 9 FOR FULL TEXT)

RFID tags connect smart cars to smart highways. (radio frequency identification) (includes related articles)

Legg, Gary

EDN, v39, n26, p33(3)

Dec 22, 1994

ISSN: 0012-7515 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1889 LINE COUNT: 00144

... example, by debiting a stored account balance--the system can perform tasks such as accepting **electronic "tokens"** without involving the system **database**. The process takes as little as 20 msec.

To work with moving vehicles, an RFID...

19/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2004 The Gale Group. All rts. reserv.

1487190 Supplier Number: 01487190
Group forms to manage 'Net software, licensing
(Electronic Licensing and Security Initiative was formed to distribute &
manage software & licensing over the Internet)
Boston Globe , v 249, n 128, p 47
May 07, 1996
DOCUMENT TYPE: Regional Newspaper ISSN: 0743-1791 (United States)
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:
...BBN Corp, KPMG, Microsoft Corp, First Data Corp and LittleNet. The
companies will develop an **electronic token** to **track** software licenses
over the Internet.
...

19/3,K/2 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00936034 95-85426
Shielding the Net from cyber-scoundrels
Baig, Edward C
Business Week n3398 PP: 88 Nov 14, 1994
ISSN: 0739-8395 JRNL CODE: BWE

...ABSTRACT: snoops, and questionable characters. Many companies are
thinking up ways to thwart problems, including access **control** ,
cryptography, and **electronic "tokens "**

19/3,K/3 (Item 1 from file: 634)
DIALOG(R)File 634:San Jose Mercury
(c) 2004 San Jose Mercury News. All rts. reserv.

08621085
HOW NETWORKING WORKS GETTING DATA FROM PLACE TO PLACE IS MAIN GOAL OF
INDUSTRY
San Jose Mercury News (SJ) - Tuesday, April 30, 1996
By: HOWARD BRYANT, Mercury News Staff Writer
Edition: Morning Final Section: Science & Technology Page: 12E
Word Count: 1,163

...speed transmission of data.

Token ring - a communications method invented by IBM that uses an
electronic ' token ' to **control** access to a local area network.

Source: Stratacom of San Jose
N

19/3,K/4 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

04411068 Supplier Number: 46471445 (USE FORMAT 7 FOR FULLTEXT)

Software Stores Up & Running

InformationWeek, p83

June 17, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; General Trade

Word Count: 1641

... Marwick.

 Their alliance, the Electronic Licensing and Security Initiative, will develop a system that uses **electronic tokens** to **track** software purchases, rentals, and licenses. Microsoft, IBM, and AT&T already have endorsed the ELSI...

19/3,K/5 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

03869221 SUPPLIER NUMBER: 07055924 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Protection for computer viruses from DMI. (DMI Inc.'s SMI Data Security Upgrade Kit) (product announcement)

Information Today, v6, n2, p34(1)

Feb, 1989

DOCUMENT TYPE: product announcement ISSN: 8755-6286 LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 302 LINE COUNT: 00025

... Security Subsystem which controls access to the hard drive requires three separate simultaneous actions: personal **electronic token** assigned to the user, user **identifiers**, and the users personal password.

 The subsystem offers identification and authentication, discretionary access control, resource...

19/3,K/6 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

01529542 SUPPLIER NUMBER: 12487921 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Troubleshooting the mission-critical network. (Cover Story)

Kress, Cindy

LAN Technology, v8, n8, p38(6)

August, 1992

DOCUMENT TYPE: Cover Story ISSN: 1042-4695 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3536 LINE COUNT: 00268

... downtime on that ring.

 Inside the Token-Ring

 Since access to the local ring is **controlled** by an **electronic token** circulating on the ring, we can plug and unplug various devices and keep individual rings...

19/3,K/7 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

01468569 SUPPLIER NUMBER: 10706741 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Distributed file systems: stepping stone to distributed computing. (three popular distributed file systems)
Sanderson, Don
LAN Technology, v7, n5, p41(9)
May, 1991
ISSN: 1042-4695 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 7369 LINE COUNT: 00579

... message containing access privileges -- that can only be decrypted by the user's password. This **electronic token** or pass key **identifies** the user and is very difficult to forge.
Next, if a user wishes to access...

19/3,K/8 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01251685 SUPPLIER NUMBER: 06817481 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Wang and Micronyx team up for security. (the MicroControl security system for workstations and local area networks) (Connectivity Section) (product announcement)
Kramer, Matt
PC Week, v5, n27, pC8(1)
July 4, 1988
DOCUMENT TYPE: product announcement ISSN: 0740-1604 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 376 LINE COUNT: 00029

... activity.
The card also is equipped with an identification-card reader. Users each carry an "**electronic token**" **identification** chip that they insert into a token reader to identify themselves. Users must also enter...

19/3,K/9 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01210759 SUPPLIER NUMBER: 06085950 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Hardware, software security devices protect PCs and inside information.
Scheier, Robert L.
PC Week, v4, n46, p136(2)
Nov 17, 1987
ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 968 LINE COUNT: 00075

... a half-length add-in circuit board, disks containing installation and configuration software, and an **electronic token**. A user must enter **identifier** words, insert the token into a receptacle in the front of the PC, and enter...

19/3,K/10 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01062657 Supplier Number: 40628116 (USE FORMAT 7 FOR FULLTEXT)
MERRILL LYNCH TAKES EQUITY POSITION IN PC SECURITY MANUFACTURER

Computer Fraud & Security Bulletin, v11, n3, pN/A
Jan, 1989
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 475

... and NATO departments.

Products include the Trispan PC and Local Area Network Security System, which **controls** access via a password and **electronic token** , and the Triumph! Software Security System, which controls access to both the PC and individual...
?

Computer Fraud & Security Bulletin, v11, n3, pN/A
 Jan, 1989
 Language: English Record Type: Fulltext
 Document Type: Newsletter; Trade
 Word Count: 475

... and NATO departments.

Products include the Trispan PC and Local Area Network Security System, which **controls** access via a password and **electronic token**, and the Triumph! Software Security System, which controls access to both the PC and individual...

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S4	0	S1(5N) (REPORT OR REPORTS OR DRAFT OR DRAFTS)
S5	12	S1(5N) (CREDIT OR CREDITS OR TRANSFER OR TRANSFERS OR TRANSFERRING?)
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S7	138572	(COLLECT? OR TRACK? OR MONITOR? OR IDENTIF?) (3N) (PAYMENT OR PAYMENTS OR FEE OR FEES OR CHARGE OR CHARGES)
S8	1244546	(PURCHAS? OR BUY OR BUYS OR BUYING OR BOUGHT) (5N) (SERVICE - OR SERVICES OR PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANTISE?)
S9	3	AU=(BARKAN, M? OR BARKAN M?)
S10	19	S2 NOT PY>1997
S11	9	RD (unique items)
S12	6	S3 NOT S11
S13	5	RD (unique items)
S14	11	S5 NOT (S11 OR S12)
S15	9	S14 NOT PY>1997
S16	5	RD (unique items)
S17	18	S6 NOT (S11 OR S12 OR S14)
S18	10	S17 NOT PY>1997
S19	10	RD (unique items)

? s s1(s) (s7 or s8)

316 S1

138572 S7

1244546 S8

S20 10 S1(S) (S7 OR S8)

? t s20/3,k/all

20/3,K/1 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00840169 94-89561

Interactive banking gets a push up north

Anonymous

Bank Systems & Technology v31n3 PP: 6 Mar 1994

ISSN: 1045-9472 JRNL CODE: BSE

WORD COUNT: 580

...TEXT: the interactive purchase of goods and service--all with TV platforms.

"We can have an **electronic 'token,'** like [a chip] you buy when you go into a casino, which customers can use...

... poker chips represent monetary amounts. These tokens--not real funds--are then used to interactively **buy** goods and **services** through UBI. Sauve referred to the scheme as an "electronic wallet"--a kind of cyber...

... back into a real account. It's true at-home point of sale--when customers **buy** goods or **services** with the tokens, they swipe their mag-stripe or smart cards into at-home readers...

20/3,K/2 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

27618146 (USE FORMAT 7 OR 9 FOR FULLTEXT)
The Boston Globe Upgrade Column
Hiawatha Bray
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS - THE BOSTON GLOBE - MASSAC
February 17, 2003
JOURNAL CODE: KBGL LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 860

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... gets downloaded to the customer's computer. The merchant gets a Peppercoin -- a sort of **electronic token** that's got the customer's digital signature embedded in it.
What's the token...

20/3,K/3 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

09924744 Supplier Number: 88579929 (USE FORMAT 7 FOR FULLTEXT)
Plesk CEO George Pappas Speaks Out On E-commerce Integration. (Interview)
Electronic Commerce News, v7, n14, pNA
July 8, 2002
Language: English Record Type: Fulltext
Article Type: Interview
Document Type: Newsletter; Trade
Word Count: 2155

... s computer when they install Plesk and they simply need to activate it with an **electronic token** . Anything that really automates the end-to-end process of getting these products installed and...

...them is what we want to do. We want to make this whole process of **buying** these additional **products** and using them as frictionless and as easy as possible.

ECN: More generally, what are...

20/3,K/4 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

03252633 Supplier Number: 44474347 (USE FORMAT 7 FOR FULLTEXT)

Interactive Banking Gets a Push Up North

Bank Systems + Technology, p6

March, 1994

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 595

... the interactive purchase of goods and services - all with TV platforms.

'We can have an **electronic ' token ,** ' like (a chip) you buy when you go into a casino, which customers can use...

...poker chips represent monetary amounts. These tokens - not real funds - are then used to interactively **buy** goods and **services** through UBI. Sauve referred to the scheme as an 'electronic wallet' - a kind of cyber...

...back into a real account. It's true at-home point of sale - when customers **buy** goods or **services** with the tokens, they swipe their mag-stripe or smart cards into at -home readers...

20/3,K/5 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07330828 SUPPLIER NUMBER: 16273976

Digital cash solution sought.

Anthes, Gary H.

Computerworld, v28, n39, p24(1)

Sept 26, 1994

ISSN: 0010-4841

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: Information Infrastructure. One suggestion is the concept of electronic tokens that could be used to **purchase** on-line **services** . However, issues that need to be addressed include who will be liable for stolen or...

20/3,K/6 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

01654223 SUPPLIER NUMBER: 16273976

Digital cash solution sought.

Anthes, Gary H.

Computerworld, v28, n39, p24(1)

Sept 26, 1994

ISSN: 0010-4841

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: idea of money and the future National Information Infrastructure. One suggestion is the concept of **electronic tokens** that could be used to **purchase** on-line **services** . However, issues that need to be addressed include who will be liable for stolen or...

20/3,K/7 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

05317098 Supplier Number: 88579929 (USE FORMAT 7 FOR FULLTEXT)
Plesk CEO George Pappas Speaks Out On E-commerce Integration. (Interview)
Electronic Commerce News, v7, n14, pNA
July 8, 2002
Language: English Record Type: Fulltext
Article Type: Interview
Document Type: Newsletter; Trade
Word Count: 2155

... s computer when they install Plesk and they simply need to activate it with an **electronic token** . Anything that really automates the end-to-end process of getting these products installed and...

...them is what we want to do. We want to make this whole process of **buying** these additional **products** and using them as frictionless and as easy as possible.

ECN: More generally, what are...

20/3,K/8 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

02600892 Supplier Number: 45260837 (USE FORMAT 7 FOR FULLTEXT)
EFT's Final Frontier: Payments Over The Internet
Bank Network News, pN/A
Jan 12, 1995
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 2276

... and debit cards won't be the only way consumers will pay for goods and **services purchased** over computer network **services** . Reston, Va. -based CyberCash Inc., which is piloting an electronic credit card payment over the...the item or information has an account with a participating institution. The seller receives an **electronic " token "** or notice of funds availability and can click deposit on a menu and the funds...

20/3,K/9 (Item 1 from file: 608)
DIALOG(R)File 608:KR/T Bus.News.
(c)2004 Knight Ridder/Tribune Bus News. All rts. reserv.

07212139 (USE FORMAT 7 OR 9 FOR FULLTEXT)
The Boston Globe Upgrade Column
Hiawatha Bray
Boston Globe
February 17, 2003
DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH
WORD COUNT: 916

...TEXT: provide a credit card number. Now the user can go to any Peppercoin retailer and **purchase** a single, very cheap **item** -- an MP3 song priced at 50 cents, for instance. By clicking on a link, the...

...gets downloaded to the customer's computer. The merchant gets a Peppercoin -- a sort of **electronic token** that's got the customer's digital signature embedded in it.

What's the token...

20/3,K/10 (Item 1 from file: 268)
DIALOG(R)File 268:Banking Info Source
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00242635 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Interactive banking gets a push up north

Anonymous

Bank Systems & Technology, v31, n3, p6, Mar 1994 DOCUMENT TYPE: Journal

Article LANGUAGE: English RECORD TYPE: Abstract Fulltext

WORD COUNT: 00580

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the interactive purchase of goods and service--all with TV
platforms.

"We can have an **electronic ' token ,'** like [a chip] you buy when you
go into a casino, which customers can use...

...poker chips represent monetary amounts. These tokens--not real
funds--are then used to interactively **buy** goods and **services** through
UBI. Sauve referred to the scheme as an "electronic wallet"--a kind of
cyber...

...back into a real account. It's true at-home point of sale--when
customers **buy** goods or **services** with the tokens, they swipe their
mag-stripe or smart cards into at-home readers...

?

24/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2004 The Gale Group. All rts. reserv.

1748843 Supplier Number: 01748843 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Boom European Access Control Systems Market - Report
(Revenues in the European access control systems market totaled \$1.27 bil
in 1996, and will reach \$1.96 bil by 2003)
Newsbytes News Network, p N/A
February 24, 1997
DOCUMENT TYPE: Journal (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 793

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...NB) -- By Sylvia Dennis. Frost & Sullivan's (F&S's) European office has issued a **report** that predicts that rising demand for integrated systems will drive growth in the overall access control systems market in Europe. According to the US information technology (IT) **report** company, despite a number of difficulties, electronic access control will continue to be an important...

...that is predicted to reach \$1.96 billion by the year 2003. According to the **report**, these values exclude equipment for area surveillance monitoring. F&S notes that its latest study...

...are expected to be the backbone for future market growth," she explained. According to the **report**, a degree of pan-European brand marketing is now in evidence. German and British companies...

...Swiss have become more aggressive in cross-border acquisitions. In terms of national markets, the **report** notes that Germany is holding the lion's share of the overall electronic access control...

...technology, such as neural networks. The progress of industry into software led product differentiation, the **report** claims, has clearly accelerated. According to the **report**, software, rather than hardware, is now the key factor in the success or failure of...

...commonplace. Software is now being sold in its own right, independent from the hardware. The **report** notes that the increase in the use of integrated systems is also a major trend...

...one system covers all possible security as well as building control applications. Several companies, the **report** notes, have already, seen the beneficial effects of providing integrated systems. The market for **electronic token** systems, meanwhile, accounting for 34.9 percent of revenues in 1996, will continue to offer...

...look for a breakthrough in the residential market to give it a renewed impetus. The **report** also claims that biometric systems are changing their image from intrusive, expensive, and inefficient, to more reliable, lower-priced state-of-the-art technologies. Biometric encryption, the **report** notes, has helped to reduce fear of civil liberties, especially in fingerprint and iris verification...

...breakthrough in financial transaction security. If any biometric becomes standard for pure access control, the **report** claims, thumbprint

verification is a promising contender, being quick to use, relatively secure, and requiring less active participation by the user. The **report** also notes that the CCTV and entryphones sector dominates the product market, accounting for 46...

...next few years, thanks to new technological developments and a reappraisal of their usefulness. The **report** claims that ID card systems have been helped by the introduction of PC-based card...
...on a plastic card. Followed by the services and the commerce and transport industries, the **report** notes that the industrial, energy, and construction industry is the largest end-user sector in...

24/3,K/2 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1128697 MNTU028
Datakey, Inc. Announces Second Quarter and Six-Months Results

DATE: July 22, 1997 16:45 EDT WORD COUNT: 837

... continuing investment in research and development and marketing to accelerate the market introduction of sophisticated **electronic token**-based systems targeted at the rapidly emerging corporate information security marketplace. We are pleased to **report** that the initial phase of new product development is nearing completion. One of the products...

24/3,K/3 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

07330828 SUPPLIER NUMBER: 16273976
Digital cash solution sought.
Anthes, Gary H.
Computerworld, v28, n39, p24(1)
Sept 26, 1994
ISSN: 0010-4841 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: idea of money and the future National Information Infrastructure. One suggestion is the concept of **electronic tokens** that could be used to purchase on-line services. However, issues that need to be ...

24/3,K/4 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

02097380
Locking the door in the computer age: In Europe, handprints are becoming 'keys'
Research Studies (for further information apply to source indexed) 1989
p. 1-3

... 1993, vs about \$1.9 bil in 1988, according to Frost & Sullivan's 340-page **report** #E1069, 'Access Control Systems in Europe.' The market includes closed-circuit TV, electronic keypads, magnetic...

... rate of the various products; its sales totaled \$4.3 mil in 1988. Sales of **electronic** tokens , eg, magnetic or bar code cards, will also show a higher-than-average sales growth...

24/3,K/5 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01414432 SUPPLIER NUMBER: 09635567 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Networking the '90s. (MacUser Labs NetWorkShop research current and future network technologies)
Rizzo, John; Zilber, Jon
MacUser, v7, n1, p92(6)
Jan, 1991
ISSN: 0884-0997 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3853 LINE COUNT: 00298

... a time, only when they have permission. Permission is granted when the nodes receives an **electronic " token "** that is passed from node to node. The speed of the network depends on the...

...at which Ethernet contention becomes a problem will have to wait for an upcoming NetWorkShop **report** .

(Since we've told you where token ring gets its name, we should also explain...

24/3,K/6 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01388228 Supplier Number: 41764174 (USE FORMAT 7 FOR FULLTEXT)
WHITBREAD BECOMES CONTROLLING PARTNER IN JOINT VENTURE TO MARKET VBI-BASED GAMES
Data Broadcasting Report, v6, n8, pN/A
Jan, 1991
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1156

... televised quiz shows and sports events as well as self-contained games (see Data Broadcasting **Report** , August 1990). IN will charge a flat monthly fee of \$15 for basic access to...

...for prizes will either pay an additional \$15-\$30/month for premium service or use **electronic tokens** to enter specific competitions.
IN had projected that subscribers would spend an average of \$20...
?

File 344:Chinese Patents Abs Aug 1985-2004/Mar
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2003/Nov(Updated 040308)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200419
(c) 2004 Thomson Derwent

? ds

Set	Items	Description
S1	3513	ELECTRONIC() (TOKEN OR TOKENS OR CASH)
S2	152	S1(5N) (PURCHAS? OR BUY OR BUYS OR BUYING OR BOUGHT OR TRANS ACTION OR TRANSACTIONS)
S3	195	S1(5N) (STORING OR STORE? ? OR DB OR DATABASE? OR DATA()BASE?)
S4	14	S1(5N) (REPORT OR REPORTS OR DRAFT OR DRAFTS)
S5	89	S1(5N) (CREDIT OR CREDITS OR TRANSFER OR TRANSFERS OR TRANSFERRING?)
S6	215	S1(5N) (MONITOR? OR CANCEL? OR USAGE OR VERIF? OR COMPAR? OR TRACK? OR CONTROL? OR IDENTIF? OR STATUS)
S7	7078	(COLLECT? OR TRACK? OR MONITOR? OR IDENTIF?) (3N) (PAYMENT OR PAYMENTS OR FEE OR FEES OR CHARGE OR CHARGES)
S8	7680	(PURCHAS? OR BUY OR BUYS OR BUYING OR BOUGHT) (5N) (SERVICE - OR SERVICES OR PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDISE?)
S9	16	AU=(BARKAN, M? OR BARKAN M ?)
S10	9	S2 NOT CASH
S11	3	S3 NOT CASH
S12	3	S11 NOT S10
S13	0	S4 NOT CASH
S14	8	S5 NOT CASH
S15	6	S14 NOT (S10 OR S12)
S16	7	S6 NOT CASH
S17	5	S16 NOT (S10 OR S12 OR S15)
S18	4	S2 AND S7
S19	3	S18 NOT (S10:S17)
S20	15	S2 AND S8
S21	3	S20 NOT CASH
S22	0	S21 NOT (S10:S19)
S23	0	S9 AND S1

10/5/1 (Item 1 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

06988866 **Image available**
METHOD FOR PERFORMING ELECTRONIC COMMERCE WHILE USING ELECTRONIC TOKEN

PUB. NO.: 2001-216441 [JP 2001216441 A]
PUBLISHED: August 10, 2001 (20010810)
INVENTOR(s): LING MARVIN T
APPLICANT(s): GTX CORP
APPL. NO.: 2000-345212 [JP 2000345212]
FILED: November 13, 2000 (20001113)
PRIORITY: 00 178239 [US 2000178239], US (United States of America),
January 26, 2000 (20000126)
00 553695 [US 2000553695], US (United States of America),
April 21, 2000 (20000421)
00 665237 [US 2000665237], US (United States of America),
September 18, 2000 (20000918)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To enable **purchase** with **electronic tokens** even on a web site, which is not a member, in the case of performing electronic commerce.

SOLUTION: When it is desired to purchase a product or service on a mall B, where a user 1 is not a member, the user 1, who is the member of a mall A, transfers an electronic token A to the mall B and requests to receive an electronic mall B equivalent therewith from the mall B to the mall A. When a settlement is performed between the malls A and B by transferring the electronic token A from the mall A to the mall B and issuing an electronic token B from the mall B, the user 1 can purchase a product on the mall B. The member of the mall B can similarly purchase a product or service on the mall A as well.

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10/5/2 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015398090 **Image available**
WPI Acc No: 2003-460230/200344
XRPX Acc No: N03-366137

Secure transmission of electronic transaction information between the parties involved by creation of encrypted physical electronic transaction tokens containing relevant information, which are used via a service provider

Patent Assignee: GEMPLUS SCA (GEMP-N)
Inventor: CARRARA J L; MERRIEN L
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2831361	A1	20030425	FR 200114075	A	20011024	200344 B

Priority Applications (No Type Date): FR 200114075 A 20011024

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2831361	A1		29	H04L-009/30	

Abstract (Basic): FR 2831361 A1

NOVELTY - Method for secure exchange of data in service or product transactions involving a user, a supplier and a service provider. The user supplies an encrypted token to a supplier containing personal information necessary for carrying out a chosen transaction. The supplier sends the token to a service provider who is able to decrypt and validate it. The user generates the encrypted token using an electronic device.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is made for a device enabling the secure exchange of transaction information by allowing a user to select information contained in the device relevant to the **transaction** and to generate an encrypted **electronic token** from the given information. The tokens can be created using a PC, PDA or mobile phone and an appropriate read-write device.

USE - Transmission of electronic transaction information in a secure manner between the parties concerned by creation of physical electronic transaction tokens that are transmitted to a third party payment service provided.

ADVANTAGE - The inventive method allows a user to retain much closer control of personal and sensitive information.

DESCRIPTION OF DRAWING(S) - Figure illustrates generation of an electronic token using a PC.

PC (506)

reader (508)

token. (510)

pp; 29 DwgNo 6/8

Title Terms: SECURE; TRANSMISSION; ELECTRONIC; TRANSACTION; INFORMATION; PARTY; CREATION; ENCRYPTION; PHYSICAL; ELECTRONIC; TRANSACTION; TOKEN; CONTAIN; RELEVANT; INFORMATION; SERVICE

Derwent Class: T01; T04; T05; W01

International Patent Class (Main): H04L-009/30

International Patent Class (Additional): G06F-017/60

File Segment: EPI

10/5/3 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014955782

WPI Acc No: 2003-016296/200301

Related WPI Acc No: 2001-581659

XRPX Acc No: N03-012216

Electronic commerce transaction involves facilitating purchase of goods using electronic tokens without providing user personal information to vendor

Patent Assignee: PAYBYCLICK CORP (PAYB-N); LING M T (LING-I)

Inventor: LING M T

Number of Countries: 101 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020111907	A1	20020815	US 2000178239	P	20000126	200301 B
			US 2000553695	A	20000421	
			US 2000665237	A	20000918	
			US 2001753784	A	20010102	
			US 2001311446	P	20010809	
			US 200257420	A	20020125	

JP 2003067652 A 20030307 JP 200262035 A 20020307 200327

WO 200334310 A1 20030424 WO 2002US25354 A 20020807 200328

Priority Applications (No Type Date): US 200257420 A 20020125; US

2000178239 P 20000126; US 2000553695 A 20000421; US 2000665237 A 20000918

; US 2001753784 A 20010102; US 2001311446 P 20010809
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 20020111907 A1 62 G06F-017/60 Provisional application US 2000178239

CIP of application US 2000553695
CIP of application US 2000665237
CIP of application US 2001753784
Provisional application US 2001311446

JP 2003067652 A 54 G06F-017/60
WO 200334310 A1 E G06F-017/60
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU
ZA ZM ZW
Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW

Abstract (Basic): US 20020111907 A1

NOVELTY - A user account with a subset of **electronic tokens purchased** with a different currency, is provided to the user. A micro payment account is provided to vendors to settle payments for tokens used by the user. Purchase of goods, content or services is facilitated without providing user's personal information to the vendors. A royalty transaction is recorded in associated micro payment account for each transaction.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for conducting electronic commerce transaction between user and vendors offering tangible goods, contents or services.

USE - For conducting electronic commerce transaction using cellular phone, personal, portable computer, hand-held appliance such as personal digital assistant, electronic organizers for shopping, playing games, financial trading and for acquiring newspaper articles, music, movies, games, video, software, online technical support, medical and legal advice, personal fitness training, books, clothing, food and toys, art pieces, vehicles, homes, furniture, etc.

ADVANTAGE - Since electronic tokens are provided within the user account, the users are enabled to make transaction without providing personal information, thus secrecy is maintained and the unauthorized use of client computer for transaction, viewing, altering and unauthorized downloading of content from vendor web site is prevented.

pp; 62 DwgNo 0/29

Title Terms: ELECTRONIC; TRANSACTION; FACILITATE; PURCHASE; GOODS;
ELECTRONIC; TOKEN; USER; PERSON; INFORMATION; VENDING
Derwent Class: T01; T05; W01
International Patent Class (Main): G06F-017/60
File Segment: EPI

10/5/4 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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014344491 **Image available**
WPI Acc No: 2002-165194/200222
XRPX Acc No: N02-126068

Automatic allocation of an electronic purchasing order authorization, involves generating electronic token for on-line buyer if the yield power requirement is met by the buyer
Patent Assignee: OLSCHEWSKI D (OLSC-I)

Inventor: OLSCHESKI D; SAFNER B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10026486	A1	20011206	DE 1026486	A	20000529	200222 B

Priority Applications (No Type Date): DE 1026486 A 20000529

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 10026486	A1	16	G06F-017/60	

Abstract (Basic): DE 10026486 A1

NOVELTY - A buyer registered on-line is electronically identified, after which the electronic token request of the buyer is automatically detected via a server. The credit worthiness of the buyer is then inquired by electronically testing the yield power requirement of the buyer using the reference data stored in the memory of the server.

DETAILED DESCRIPTION - If the yield power requirement is met, the corresponding electronic token is produced. Information related to the produced token is then stored into the server memory. The token is then transmitted by the server to the buyer computer, the token containing information about the actual token value and the purchasing order authorization, respectively.

USE - Automatic allocation of an electronic purchasing order authorization.

ADVANTAGE - Saves time required to prepare the on-line sale of goods and services to prospective on-line buyers. Improves security of on-line transactions since credit worthiness of the buyer is determined first before any on-line processing can proceed. Prevents misuse of issued electronic tokens by unauthorized individuals.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the computer network through which on-line purchase of goods and services are executed.

pp; 16 DwgNo 1/1

Title Terms: AUTOMATIC; ALLOCATE; ELECTRONIC; PURCHASE; ORDER; GENERATE;

ELECTRONIC; TOKEN; LINE; BUY; YIELD; POWER; REQUIRE; BUY

Derwent Class: T01; T05; W01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G07F-019/00

File Segment: EPI

10/5/5 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014301645 **Image available**

WPI Acc No: 2002-122349/200216

Related WPI Acc No: 2002-122350

XRPX Acc No: N02-091770

Distributing electronic coupon over communications network by connecting client system to e-tail server over Internet and transmitting electronic tokens

Patent Assignee: CATALINA MARKETING INT INC (CATA-N)

Inventor: LAOR R

Number of Countries: 094 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200198998	A1	20011227	WO 2001US19109	A	20010615	200216 B
AU 200166916	A	20020102	AU 200166916	A	20010615	200230
EP 1312000	A1	20030521	EP 2001944510	A	20010615	200334

WO 2001US19109 A 20010615
JP 2004501455 W 20040115 WO 2001US19109 A 20010615 200410
JP 2002503767 A 20010615

Priority Applications (No Type Date): US 2000633460 A 20000808; US
2000596812 A 20000619

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200198998 A1 E 41 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200166916 A G06F-017/60 Based on patent WO 200198998

EP 1312000 A1 E G06F-017/60 Based on patent WO 200198998

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

JP 2004501455 W 67 G06F-017/60 Based on patent WO 200198998

Abstract (Basic): WO 200198998 A1

NOVELTY - System comprises an e-tail server system with a computer
processor and memory, a promotion server system with a computer
processor and memory with a database of electronic coupon distribution
rules and promotional data, and a client system with a computer
processor and memory initiating the **purchase** and using an **electronic
token** transmitted by the e-tail server. The network used is the
Internet.

DETAILED DESCRIPTION - There is an INDEPENDENT CLAIM for a system
for distributing electronic coupons over a communications network, (2)
a system for modifying electronic coupons over a communication network.

USE - Method is for distributing or modifying electronic coupons
based on application of rules after a purchase.

DESCRIPTION OF DRAWING(S) - The figure shows a system for
distributing electronic coupons.

pp; 41 DwgNo 1/6

Title Terms: DISTRIBUTE; ELECTRONIC; COUPON; COMMUNICATE; NETWORK; CONNECT;
CLIENT; SYSTEM; TAIL; SERVE; TRANSMIT; ELECTRONIC; TOKEN

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G07G-001/12

File Segment: EPI

10/5/6 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014205799 **Image available**

WPI Acc No: 2002-026496/200203

Related WPI Acc No: 2002-026497

XRPX Acc No: N02-020426

**Electronic coupon distributing system for online shopping using Internet,
applies electronic coupon distribution rules to purchase/redemption
information, for distributing the electronic coupons**

Patent Assignee: CATALINA MARKETING INT INC (CATA-N)

Inventor: LAOR R

Number of Countries: 094 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200186378	A2	20011115	WO 2001US14559	A	20010507	200203 B
AU 200159526	A	20011120	AU 200159526	A	20010507	200219
EP 1287420	A2	20030305	EP 2001933071	A	20010507	200319
			WO 2001US14559	A	20010507	
JP 2003533763	W	20031111	JP 2001583265	A	20010507	200375
			WO 2001US14559	A	20010507	

Priority Applications (No Type Date): US 2000634930 A 20000808; US 2000202949 P 20000509; US 2000573727 A 20000518

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200186378	A2	E	36	G06F-000/00	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200159526	A			G06F-000/00	Based on patent WO 200186378
EP 1287420	A2	E		G06F-001/00	Based on patent WO 200186378
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
JP 2003533763	W		36	G06F-017/60	Based on patent WO 200186378

Abstract (Basic): WO 200186378 A2

NOVELTY - An e-tail server (120) reads an **electronic token** representing **purchase** /redemption information from a client terminal (110), and forwards to a promotion server (130). The server (130) applies electronic coupon distribution rules to purchase/redemption information, for distributing the electronic coupons to the client terminal (110).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Electronic coupon distribution method;
- (b) Electronic coupon modification system

USE - To distribute electronic coupons related to various products selling in online shopping using Internet.

ADVANTAGE - Determines correctness of electronic coupon distribution and/or modification, based on the application of respective rules to the purchase/redemption information. Loads the electronic coupon distribution/modification rules into the promotional server through e-tail server, thereby enables sales promotion of particular goods or services.

DESCRIPTION OF DRAWING(S) - The figure shows a detailed diagrammatic view of electronic coupon distributing system.

Client terminal (110)
E-tail server (120)
Promotion server (130)
pp; 36 DwgNo 3/6

Title Terms: ELECTRONIC; COUPON; DISTRIBUTE; SYSTEM; SHOPPING; APPLY;
ELECTRONIC; COUPON; DISTRIBUTE; RULE; PURCHASE; INFORMATION; DISTRIBUTE;
ELECTRONIC; COUPON

Derwent Class: T01; T05

International Patent Class (Main): G06F-000/00; G06F-001/00; G06F-017/60

File Segment: EPI

10/5/7 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014097445 **Image available**
WPI Acc No: 2001-581659/200165
Related WPI Acc No: 2003-016296
XRPX Acc No: N01-433342

**Electronic commerce conducting method for web based sales and service,
involves issuing electronic token for transaction of products
between web servers and recording royalty transaction, when tokens are
conducted**

Patent Assignee: GTX CORP (GTXG-N); PAYBYCLICK CORP (PAYB-N); LING M T
(LING-I)

Inventor: LING M T

Number of Countries: 095 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200155815	A2	20010802	WO 2001US2254	A	20010123	200165 B
JP 2001216440	A	20010810	JP 2000132638	A	20000501	200165
JP 2001216441	A	20010810	JP 2000345212	A	20001113	200165
AU 200132932	A	20010807	AU 200132932	A	20010123	200174
US 20020002538	A1	20020103	US 2000178239	P	20000126	200207
			US 2000553695	A	20000421	
			US 2000665237	A	20000918	
			US 2001753784	A	20010102	
EP 1252562	A2	20021030	EP 2001905010	A	20010123	200279
			WO 2001US2254	A	20010123	
JP 2003524240	W	20030812	JP 2001555296	A	20010123	200355
			WO 2001US2254	A	20010123	

Priority Applications (No Type Date): US 2001753784 A 20010102; US
2000178239 P 20000126; US 2000553695 A 20000421; US 2000665237 A 20000918

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200155815 A2 E 106 G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

JP 2001216440 A 82 G06F-017/60

JP 2001216441 A 25 G06F-017/60

AU 200132932 A G06F-000/00 Based on patent WO 200155815

US 20020002538 A1 G06F-017/60 Provisional application US 2000178239

CIP of application US 2000553695

CIP of application US 2000665237

EP 1252562 A2 E G06F-001/00 Based on patent WO 200155815

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

JP 2003524240 W 98 G06F-017/60 Based on patent WO 200155815

Abstract (Basic): WO 200155815 A2

NOVELTY - The electronic tokens are issued from mail service
provider server to web server for electronic transaction of products
from other web servers. The databases in provider server, is maintained
to provide account information and records of electronic transactions
between web servers. The royalty transaction is recorded for each
transaction for each web server at which **electronic tokens** for
transaction are conducted.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
server operated by a mail service provider.

USE - For conducting electronic commerce using electronic tokens

through input device such as personal computer, digital television, wireless access protocol (WAP) device for handling web based sales of products and services.

ADVANTAGE - Accurate record of **electronic tokens** transferred are provided for **transaction** of products between the web servers and the products are sold through the competitive bidding.

DESCRIPTION OF DRAWING(S) - The figure shows the overview of the networked environment for conducting the electronic commerce.

pp; 106 DwgNo 1/23

Title Terms: ELECTRONIC; CONDUCTING; METHOD; WEB; BASED; SALE; SERVICE; ISSUE; ELECTRONIC; TOKEN; TRANSACTION; PRODUCT; WEB; SERVE; RECORD; TRANSACTION; TOKEN; CONDUCTING

Derwent Class: T01; W01; W02

International Patent Class (Main): G06F-000/00; G06F-001/00; G06F-017/60

International Patent Class (Additional): G07F-017/40; G07G-001/12

File Segment: EPI

10/5/8 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012598679 **Image available**

WPI Acc No: 1999-404785/199934

XRPX Acc No: N99-301742

Internet payment system using electronic tokens

Patent Assignee: BARKAN M (BARK-I)

Inventor: BARKAN M; BARKAN Y

Number of Countries: 084 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9927475	A1	19990603	WO 98IL563	A	19981119	199934 B
AU 9912567	A	19990615	AU 9912567	A	19981119	199944
EP 993642	A1	20000419	EP 98955880	A	19981119	200024
			WO 98IL563	A	19981119	

Priority Applications (No Type Date): IL 122263 A 19971120

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9927475 A1 E 57 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

EP 993642 A1 E G06F-017/60 Based on patent WO 9927475

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL SE

AU 9912567 A G06F-017/60 Based on patent WO 9927475

Abstract (Basic): WO 9927475 A1

NOVELTY - An internet user **purchases electronic tokens** from a credit provider. When a chargeable service is requested by the user a token monitoring unit (13) determines from the transactions management unit (11) that there are enough credits available to pay for the service. If so it is enabled. An appropriate number of credits are then set to Status - Used in the service providers database (12). Credits can also be transferred between two users as a form of payment.

USE - Internet payments.

ADVANTAGE - Improved security, reduced exposure to hackers. Does

not require a service provider to be directly involved in every transaction involving that service. Easy to monitor correct payment procedure.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the token system

Token database (11)
Transaction management unit (12)
Token monitoring (13)
Token use database (14)
Internet link (15)
pp; 57 DwgNo 1/6

Title Terms: PAY; SYSTEM; ELECTRONIC; TOKEN

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/9 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011764513 **Image available**

WPI Acc No: 1998-181423/199817

XRPX Acc No: N98-143608

Generation of electronic tokens for transactions between two parties - splits each token into set of electronic token items including one electronic item for each of set of 2 or more parties, and all token items in each set have same unique identifier, each item recreates token when recombined

Patent Assignee: XEROX CORP (XERO)

Inventor: DEMERS A J; KRSUL I V; MUDGE J C

Number of Countries: 020 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 833285	A2	19980401	EP 97307524	A	19970925	199817 B
JP 10143591	A	19980529	JP 97260502	A	19970925	199832
US 5839119	A	19981117	US 96721484	A	19960927	199902

Priority Applications (No Type Date): US 96721484 A 19960927

Cited Patents: No-SR.Pub

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 833285	A2	E	22	G07F-019/00	
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Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE

JP 10143591	A	19	G06F-019/00
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US 5839119	A		G06F-017/60
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Abstract (Basic): EP 833285 A

The method generates two or more **electronic tokens** for **transactions** between a set of two or more parties. Each token is split into a set of electronic token items that includes one electronic token item for each of the set of two or more parties.

All the electronic token items in each set have the same unique identifier. Each item recreates the token when combined together. Each token has a number of bits and in splitting a half token is generated to give a random string with bits. A second token half is created by performing a bit-wise XOR using the token and the first half token.

ADVANTAGE - Deals with problems that arise in electronic payment systems that employ electronic tokens. Prevents double spending. Privacy of user is protected so purchase tracing to consumer is

12/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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016010247 **Image available**
WPI Acc No: 2004-168098/200416
XRPX Acc No: N04-134072

Electronic token communication method, involves establishing one communication link with token issuer and another link with token processor to receive electronic token and to collect information from token, respectively

Patent Assignee: INTEL CORP (ITLC)
Inventor: BANGINWAR R P; CRONIN T M; HURWITZ R A; SHIMODA M H; SHULTZ T T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040019571	A1	20040129	US 2002205970	A	20020726	200416 B

Priority Applications (No Type Date): US 2002205970 A 20020726

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040019571	A1	14	G06F-017/60	

Abstract (Basic): US 20040019571 A1

NOVELTY - The method involves establishing a secure communication link with a token issuer to receive an **electronic token**. The token is securely **stored** in a mobile communication device, and another secure communication link is established with a token processor to collect information from the token or deposit information to the token.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) a mobile communication device for receiving an electronic token
- (b) a processing system for processing electronic token.

USE - Used for electronic token and ticket communication.

ADVANTAGE - The method holds the ticket or coupon in electronic format in the users mobile communication device, thereby avoiding the risk of damage or theft of tickets imposed by an unauthorized person.

DESCRIPTION OF DRAWING(S) - The drawing shows a flow chart of a token check-in procedure.

pp; 14 DwgNo 4/5

Title Terms: ELECTRONIC; TOKEN; COMMUNICATE; METHOD; ESTABLISH; ONE; COMMUNICATE; LINK; TOKEN; ISSUE; LINK; TOKEN; PROCESSOR; RECEIVE; ELECTRONIC; TOKEN; COLLECT; INFORMATION; TOKEN; RESPECTIVE

Derwent Class: T01; T05; W01

International Patent Class (Main): G06F-017/60

File Segment: EPI

12/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015554174 **Image available**
WPI Acc No: 2003-616329/200358
XRPX Acc No: N03-490751

Electronic token changed records identification method for file synchronization, involves executing predefined algorithm if calculated change detection code is not equal to stored change detection code

Patent Assignee: SIMBIT CORP (SIMB-N)
Inventor: MCDONALD D; MCDONALD O; PAINTER P

Number of Countries: 102 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030097382	A1	20030522	US 2001987828	A	20011116	200358 B
WO 200345089	A1	20030530	WO 2002CA1755	A	20021118	200358
AU 2002342461	A1	20030610	AU 2002342461	A	20021118	200419

Priority Applications (No Type Date): US 2001987828 A 20011116

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20030097382	A1		10	G06F-012/00	
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WO 200345089	A1	E		H04Q-007/32	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW

AU 2002342461	A1			H04Q-007/32	Based on patent WO 200345089
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Abstract (Basic): US 20030097382 A1

NOVELTY - The method involves calculating a change detection code (CDC) for the file records using cyclic redundancy check. The calculated CDC is compared with a stored CDC so as to determine a change in records. A predefined algorithm is executed if the calculated CDC is not equal to the stored CDC and saves the calculated CDC as stored CDC.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for an apparatus for providing a service to a subscriber having an electronic token.

USE - Used for file synchronization, updating, back up, and triggering service provisions.

ADVANTAGE - The method detects data change in the **stored** memory of **electronic tokens** like subscriber interface module (SIM) cards and automatically effects the change without user intervention.

DESCRIPTION OF DRAWING(S) - The drawing shows a flow chart illustrating the principal steps involved in an identification method. pp; 10 DwgNo 2/7

Title Terms: ELECTRONIC; TOKEN; CHANGE; RECORD; IDENTIFY; METHOD; FILE; SYNCHRONISATION; EXECUTE; PREDEFINED; ALGORITHM; CALCULATE; CHANGE; DETECT; CODE; EQUAL; STORAGE; CHANGE; DETECT; CODE

Derwent Class: T01

International Patent Class (Main): G06F-012/00; H04Q-007/32

International Patent Class (Additional): G06K-019/073; G06K-019/0733

File Segment: EPI

12/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014895914 **Image available**

WPI Acc No: 2002-716620/200278

XRPX Acc No: N02-565371

Online pet custody service method involves selecting user who provides pet custody requisition, based on registered information and calculates pet custody expense based on electronic token issued for registered user

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002251537	A	20020906	JP 200145940	A	20010222	200278 B

Priority Applications (No Type Date): JP 200145940 A 20010222

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002251537	A		7	G06F-017/60	

Abstract (Basic): JP 2002251537 A

NOVELTY - The user information is registered in a **database** (110) and an **electronic token** issued for the registered information. A broker selects a user who provide the pet custody requisition based on the registered information. The pet custody expense is calculated from the issued electronic token.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Pet custody agency system; and
- (2) Recorded medium storing pet custody program.

USE - For performing custody of pets through internet.

ADVANTAGE - The service of pet custody is realized easily through internet and the burden of pet owners corresponding to the expense of pet custody is eliminated.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the online pet custody agency system. (Drawing includes non-English language text).

Database (110)
pp; 7 DwgNo 1/5

Title Terms: PET; SERVICE; METHOD; SELECT; USER; PET; BASED; REGISTER; INFORMATION; CALCULATE; PET; EXPENSE; BASED; ELECTRONIC; TOKEN; ISSUE; REGISTER; USER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

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15/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015948169 **Image available**
WPI Acc No: 2004-106010/200411
XRPX Acc No: N04-084310

**Security module of electronic ticket credit adding system for
transportation providing distributed security management architecture -
making the possibility to falsely add credit of electronic ticket
extremely low**

Patent Assignee: CHUNGHWA TELECOM CO LTD (CHUN-N)
Inventor: CHEN J; GUAN Y; JANG H; JENG B; MIAU J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
TW 543314	A	20030721	TW 2000118192	A	20000906	200411 B

Priority Applications (No Type Date): TW 2000118192 A 20000906
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
TW 543314	A		H04L-009/32	

Abstract (Basic): TW 543314 A

NOVELTY - A security module of electronic ticket credit adding system for transportation providing distributed security management architecture is dedicated to the requirement of adding **credit** to a card for an **electronic token** application system in transportation to bring up the security module of electronic ticket credit adding system for transportation providing distributed security management architecture. The system comprises a random number generation module, a command encryption module, a varied transmission key matching activation module, a key management module and a transaction token verification module. Features of verification of personal identify, card and transmitted data and anti-falsification can be executed free of worry by using the microprocessor function of system and the application of logic processing circuit. With multi-layer security protection action, it makes the possibility to falsely add credit of electronic ticket extremely low so as to attain the goal of secure transaction.

DwgNo 1/1

Title Terms: SECURE; MODULE; ELECTRONIC; TICKET; CREDIT; ADD; SYSTEM;
TRANSPORT; DISTRIBUTE; SECURE; MANAGEMENT; ARCHITECTURE; POSSIBILITY;
FALSE; ADD; CREDIT; ELECTRONIC; TICKET; EXTREME; LOW

Derwent Class: T01; T05; W01
International Patent Class (Main): H04L-009/32
File Segment: EPI

15/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015658326 **Image available**
WPI Acc No: 2003-720511/200368
XRPX Acc No: N03-575990

**Gaming machines electronic tokens managing method, involves
transferring electronic tokens through communication network to
super security application module external to gaming machine from module
inside machine**

Patent Assignee: MOIK H (MOIK-I)

Inventor: MOIK H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030134680	A1	20030717	US 2002347866	P	20020115	200368 B
			US 2002287931	A	20021104	

Priority Applications (No Type Date): US 2002347866 P 20020115; US 2002287931 A 20021104

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030134680	A1		10	G06F-019/00	Provisional application US 2002347866

Abstract (Basic): US 20030134680 A1

NOVELTY - The method involves receiving a smart card having electronic tokens in a smart card reader associated with a gaming machine. The tokens are transferred from the card to a secure application module (SAM) of the machine that is connected to a communications network. The tokens are transferred through the network to super SAM external to the machine from the SAM inside the machine.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a system for operating gaming machine.

USE - Used for managing electronic tokens in gaming machines.

ADVANTAGE - The method maintains the amount of money on the SAM around default level, thereby eliminating the risk of full or emptying of SAM and hence provides efficient distribution of money to all gaming machines on the network.

DESCRIPTION OF DRAWING(S) - The drawing shows a gaming machines connected to a network for transferring financial information between gaming machines SAM and the external super SAM.

pp; 10 DwgNo 2/4

Title Terms: GAME; MACHINE; ELECTRONIC; TOKEN; MANAGE; METHOD; TRANSFER; ELECTRONIC; TOKEN; THROUGH; COMMUNICATE; NETWORK; SUPER; SECURE; APPLY; MODULE; EXTERNAL; GAME; MACHINE; MODULE; MACHINE

Derwent Class: T05; W04

International Patent Class (Main): G06F-019/00

File Segment: EPI

15/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014983009 **Image available**

WPI Acc No: 2004-171411/200417

Related WPI Acc No: 2004-135722

XRPX Acc No: N04-136617

Mobile station service notification e.g. in 3G cellular networks, sends notification method to user when approaching wireless hotspot entertainment services

Patent Assignee: HEWLETT-PACKARD DEV CO LP (HEWP)

Inventor: MCDONNELL J T E; WATERS J D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2391767	A	20040211	GB 200317578	A	20030728	200417 B

Priority Applications (No Type Date): GB 200217789 A 20020731

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2391767	A		20	H04Q-007/22	

Abstract (Basic): GB 2391767 A

NOVELTY - An access node (15) of a second communication network (19) is located within a cell (3) of a first network. A mobile station (21) is located and notified via the first network that it has moved into the vicinity of the second network's access node. The notification can be a voice, text or email message. The device can access both networks.

DETAILED DESCRIPTION - An **electronic token** or gaming **credit** can be made available to the mobile station during communication with the second network, which is redeemable e.g. at a retail network near the second network's access node. The first network is a 3G cellular communication system and the second network is a wireless LAN.

INDEPENDENT CLAIMS are also included for the following:

(1) a method of notifying a mobile device user of the network node's presence; and

(2) a method of operating a wireless communication system.

USE - For cellular and wireless communication networks.

ADVANTAGE - A mobile user is notified of an opportunity to access services provided at a wireless hotspot when they approach the area.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic diagram of the system.

base station (1)

cell (3)

access node (15)

local network (19)

mobile device (21)

pp; 20 DwgNo 1/1

Title Terms: MOBILE; STATION; SERVICE; NOTIFICATION; CELLULAR; NETWORK; SEND; NOTIFICATION; METHOD; USER; APPROACH; WIRELESS; ENTERTAINMENT; SERVICE

Derwent Class: W01; W02; W04

International Patent Class (Main): H04Q-007/22

International Patent Class (Additional): H04L-012/28; H04Q-007/32;

H04Q-007/36

File Segment: EPI

15/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014863402 **Image available**

WPI Acc No: 2002-684108/200274

XRPX Acc No: N02-540069

Printing method for computer network, involves maintaining database of print credit tokens on printer server connected to network

Patent Assignee: RICHLER GRAPHICS LTD (RICH-N); FORBES S (FORB-I); MAYER A L (MAYE-I)

Inventor: FORBES S; MAYER A L

Number of Countries: 028 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1241562	A1	20020918	EP 2001302520	A	20010316	200274 B
US 20020131079	A1	20020919	US 200298715	A	20020315	200274
JP 2002328794	A	20021115	JP 200271603	A	20020315	200306

Priority Applications (No Type Date): EP 2001302520 A 20010316

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1241562	A1	E	11	G06F-003/12	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR
US 20020131079 A1 B41B-001/00
JP 2002328794 A 9 G06F-003/12

Abstract (Basic): EP 1241562 A1

NOVELTY - A database of print credit tokens is maintained on a printer server (2) connected to a network. A task to be printed is enabled when the database holds sufficient token. The credit token database is automatically connected to a printer server database on a remote server (4) to verify the identity of the printer server and the credit token database is updated after verification.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for print credit token database maintaining method.

USE - For computer network.

ADVANTAGE - Allows end users to release his own on-site server software with **electronic token** or **credit** to print a predefined number of printed materials.

DESCRIPTION OF DRAWING(S) - The figure shows a flow diagram of computer system.

Printer server (2)

Remote server (4)

pp; 11 DwgNo 1/7

Title Terms: PRINT; METHOD; COMPUTER; NETWORK; MAINTAIN; DATABASE; PRINT; CREDIT; TOKEN; PRINT; SERVE; CONNECT; NETWORK

Derwent Class: T01; T04

International Patent Class (Main): B41B-001/00; G06F-003/12

International Patent Class (Additional): G06F-015/00

File Segment: EPI

15/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012636710 **Image available**

WPI Acc No: 1999-442814/199937

Related WPI Acc No: 1990-209965; 1990-253622; 1990-267979; 1990-368343;

1991-036317; 1991-073168; 1991-280884; 1991-316935; 1992-007531;

1992-088529; 1993-093536; 1995-089504; 1995-123120; 1996-097305;

1996-230181; 1996-251121; 1996-412339; 1997-033804; 1997-065021;

1997-225521; 1997-271400; 1997-319352; 1997-393070; 1997-525789;

1997-549243; 1998-332816; 1998-520721; 1998-520722; 1999-008899;

1999-131678; 1999-610537; 2000-052351; 2000-136506; 2000-269746;

2000-586426; 2000-637517; 2000-671740; 2000-671998; 2001-373508;

2002-279908; 2002-314581

XRPX Acc No: N99-330130

Electrostatic discharge (ESD) protection circuit for electronic token used for data transfer applications

Patent Assignee: DALLAS SEMICONDUCTOR INC (DALL-N)

Inventor: LEE R D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5920096	A	19990706	US 89352581	A	19890515	199937 B
			US 9319932	A	19930219	
			US 94348513	A	19941201	

Priority Applications (No Type Date): US 89352581 A 19890515; US 9319932 A 19930219; US 94348513 A 19941201

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5920096	A		56	H01L-023/60	Cont of application US 89352581
					Div ex application US 9319932
					Cont of patent US 5210846
					Div ex patent US 5398326

Abstract (Basic): US 5920096 A

NOVELTY - The circuit includes a p-well intermediate region (121B) formed within an n-well (113) formed in a p-substrate (140). An n-diffusion region (122) is centered within the p-well and surrounded by a p-diffusion ring (121A). An n-diffusion ring (113A) is within the n-well and about the p-well. A second p-diffusion ring (140B) surrounds the n-well. An ohmic connection (132) exists between the three diffusion rings. An output transistor (150) in the substrate has a source/drain (151) connected to an input/output node which is ohmically connected to the n-diffusion region.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for an integrated circuit (IC) with the ESD protection circuit.

USE - For an **electronic token** used for data **transfer** applications such as inventory control, machinery maintenance records, retail tagging, smart cards, personnel identification badges, electronically verified currency, etc.

ADVANTAGE - Protects against data loss under severe ESD conditions.

DESCRIPTION OF DRAWING(S) - The drawing shows a diffusion structure connected to provide ESD protection for an input/output connection of a battery-powered IC.

n-well (113)
n-diffusion ring (113A)
p-diffusion ring (121A)
p-well intermediate region (121B)
n-diffusion region (122)
ohmic connection (132)
p-substrate (140)
second p-diffusion ring (140B)
output transistor (150)
source/drain (151)
pp; 56 DwgNo 16N/20

Title Terms: ELECTROSTATIC; DISCHARGE; ESD; PROTECT; CIRCUIT; ELECTRONIC;
TOKEN; DATA; TRANSFER; APPLY
Derwent Class: T04; U11; U13; W01
International Patent Class (Main): H01L-023/60
File Segment: EPI

15/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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008448158 **Image available**
WPI Acc No: 1990-335158/199044
XRPX Acc No: N90-256203

Record keeping system using electronic identification card - has processor and memory on card to store personal details and central computer storing information relating to each card

Patent Assignee: TRUST BANK AFRICA (TRUS-N)
Inventor: CHRISTIAAN J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
ZA 8907963	A	19900725	ZA 897963	A	19891020	199044 B

Priority Applications (No Type Date): ZA 897963 A 19891020; ZA 885248 A
19880720; ZA 897963 A 19891020

Abstract (Basic): ZA 8907963 A

The record keeping system involves the use of smart cards (10) each one personalised to identify the particular club member. Each card is embossed with name, address and membership number, and if desired, a photograph. The card memory stores club details, personal details, membership details and details of transactions made by the card holder. A central personal computer (16) is connected with a local card reader terminal (12) and a remote card reader terminal (14). The member must first pay for a given number of **electronic tokens** representing a **credit** value which is stored in the card memory.

At the club the member inserts a card and PIN and when the terminal has validated the identity of the member, carries out an interactive interrogation. For example how many holes the member wishes to play if he chooses to play golf and whether or not a caddy is required. The stored credit value is debited correspondingly to the answers. The card is used also to keep records of scores and handicap. (Provisional Basic advised week 90/35) (14pp Dwg.No.1/3

Title Terms: RECORD; KEEP; SYSTEM; ELECTRONIC; IDENTIFY; CARD; PROCESSOR;
MEMORY; CARD; STORAGE; PERSON; DETAIL; CENTRAL; COMPUTER; STORAGE;
INFORMATION; RELATED; CARD

Derwent Class: P76; T01; T04; T05; W04

International Patent Class (Additional): B42D-000/00; G07C-000/00;
G11C-000/00

File Segment: EPI; EngPI

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17/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014446334 **Image available**
WPI Acc No: 2002-267037/200231
XRPX Acc No: N02-207570

**Pageable electronic badge has data interface of electronic token ,
connected to display controller and paging receiver, on engagement of
token with token holder**

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE); GHOSH R (GHOS-I); HOLLA
G R (HOLL-I)

Inventor: GHOSH R; HOLLA G R

Number of Countries: 031 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010052840	A1	20011220	US 2001881372	A	20010614	200231 B
CA 2344610	A1	20011220	CA 2344610	A	20010419	200231
CN 1330494	A	20020109	CN 2001121628	A	20010619	200231
EP 1168267	A1	20020102	EP 2000305204	A	20000620	200231
BR 200102331	A	20020423	BR 20012331	A	20010611	200235
JP 2002095026	A	20020329	JP 2001141360	A	20010511	200238
KR 2001114174	A	20011229	KR 200134993	A	20010620	200240

Priority Applications (No Type Date): EP 2000305204 A 20000620

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010052840	A1		7	G08B-005/22	
CA 2344610	A1	E		H04Q-007/06	
CN 1330494	A			H04Q-007/14	
EP 1168267	A1	E		G08B-003/10	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT					
LI LT LU LV MC MK NL PT RO SE SI					
BR 200102331	A			H04B-005/04	
JP 2002095026	A		7	H04Q-007/14	
KR 2001114174	A			H04B-005/04	

Abstract (Basic): US 20010052840 A1

NOVELTY - An electronic token having a data interface, memory, processor and a display, is engaged to a holder (30) having a display controller and a paging receiver. The data interface is connected to the display controller and the paging receiver.

USE - Pageable electronic badge attached to the user by a clip, clasp, sliding mechanism or pin-type fastener or hung around the neck of the user as pendant, for paging application.

ADVANTAGE - A small-sized electronic badge functioning as a pager and convenient for carrying by the user is obtained.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic diagram of the token holder of the electronic badge.

Holder (30)

pp; 7 DwgNo 3/5

Title Terms: ELECTRONIC; BADGE; DATA; INTERFACE; ELECTRONIC; TOKEN; CONNECT ; DISPLAY; CONTROL; PAGE; RECEIVE; ENGAGE; TOKEN; TOKEN; HOLD

Derwent Class: T01; W05

International Patent Class (Main): G08B-003/10; G08B-005/22; H04B-005/04; H04Q-007/06; H04Q-007/14

International Patent Class (Additional): B42D-015/10; G06K-019/07;

G06K-019/10; G07C-009/00; G09G-003/20

File Segment: EPI

17/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011754613 **Image available**
WPI Acc No: 1998-171523/199816
XRPX Acc No: N98-136351

**Electronic game token operation validation machine - has computer-
controlled validating circuit for electronic tokens and pneumatic
jacks which move tokens into test region during manufacture**

Patent Assignee: ETAB BOURGOGNE & GRASSET SA (BOUR-N)

Inventor: BOIRON D; CHARLIER G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2752973	A1	19980306	FR 9610841	A	19960905	199816 B

Priority Applications (No Type Date): FR 9610841 A 19960905

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2752973	A1		27	G06K-019/077	

Abstract (Basic): FR 2752973 A

The machine comprises a read/write unit (18) for an electronic circuit token associated with an aerial covering a processing region (19). A computer (20) controls the processing and an electronically-controlled mechanical assembly (80) is associated with the computer. A horizontal plate (12) and a mobile input device (28) have a pneumatic jack (38) and a plunger (40) which move the electronic circuit token into the processing area.

An output device (30) comprises two pneumatic jacks (42,44) and a slider (46) to ensure the output of the token from the processing area to one of two outputs (22,23).

USE - E.g. casinos.

ADVANTAGE - Allows electronic circuit tokens to be checked during manufacture and sorted according to whether or not they pass operating test.

Dwg.1/5

Title Terms: ELECTRONIC; GAME; TOKEN; OPERATE; VALID; MACHINE; COMPUTER;
CONTROL; VALID; CIRCUIT; ELECTRONIC; TOKEN; PNEUMATIC; JACK; MOVE; TOKEN;
TEST; REGION; MANUFACTURE

Derwent Class: P23; T05; T06; W04

International Patent Class (Main): G06K-019/077

International Patent Class (Additional): A44C-021/00; G05B-015/00;
G06K-007/02

File Segment: EPI; EngPI

17/5/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011087097 **Image available**
WPI Acc No: 1997-065021/199706

Related WPI Acc No: 1990-209965; 1990-253622; 1990-267979; 1990-368343;
1991-036317; 1991-073168; 1991-280884; 1991-316935; 1992-007531;
1992-088529; 1993-093536; 1995-089504; 1995-123120; 1996-097305;
1996-230181; 1996-251121; 1996-412339; 1997-033804; 1997-225521;
1997-271400; 1997-319352; 1997-393070; 1997-525789; 1997-549243;
1998-332816; 1998-520721; 1998-520722; 1999-008899; 1999-131678;
1999-442814; 1999-610537; 2000-052351; 2000-136506; 2000-269746;

2000-586426; 2000-637517; 2000-671740; 2000-671998; 2001-373508;
2002-279908; 2002-314581

XRPX Acc No: N97-053567

Electronic token e.g. for inventory control - has input logic
operatively electrically coupled to first conductive surface and to
second conductive surface of casing for selective data storage in
semiconductor memory

Patent Assignee: DALLAS SEMICONDUCTOR CORP (DALL-N)

Inventor: BOLAN M L; CURRY S M; DEIERLING K E; DIAZ D R; KURKOWSKI H; LEE R
D; SCHERPENBERG F A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5587955	A	19961224	US 89352581	A	19890515	199706 B
			US 9319932	A	19930219	
			US 94355362	A	19941213	

Priority Applications (No Type Date): US 89352581 A 19890515; US 9319932 A
19930219; US 94355362 A 19941213

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5587955	A	41	G06K-019/04	Div ex application US 89352581 Div ex application US 9319932 Div ex patent US 5210846 Div ex patent US 5398321

Abstract (Basic): US 5587955 A

An electronic token, comprising a casing having a first conductive surface and a second conductive surface, the first conductive surface and the second conductive surface accessible from an exterior of the casing, the first conductive surface and the second conductive surface combine a substantial portion of the casing, the first conductive surface and the second conductive surface combine to form a cavity; an energy source positioned in the cavity. A semiconductor memory is positioned in the cavity, the semiconductor memory being electrically coupled to the energy source.

An input logic is operatively electrically coupled to the first conductive surface and to the second conductive surface of the casing and configured to detect whether the first conductive surface is at a first voltage or at a second voltage and selectably to store data in the semiconductor memory accordingly, the input logic electrically coupled to the energy source; and output logic comprising an active device electrically coupled to selectably pull the first conductive surface of the casing toward the second voltage, the output logic electrically coupled to the semiconductor memory and the energy source.

USE/ADVANTAGE - Compact electronic module enabling host systems to read/write access such modules by using a one-wire -bus protocol e.g. for inventory control, machinery maintenance records, or retail tagging etc. Users requiring extra security permitted by ROM encoding can have this capability, while others not needing ROM encoding can use off-the-shelf parts as RAM only.

Dwg.1a/20

Title Terms: ELECTRONIC; TOKEN; INVENTORY; CONTROL; INPUT; LOGIC; OPERATE;
ELECTRIC; COUPLE; FIRST; CONDUCTING; SURFACE; SECOND; CONDUCTING; SURFACE
; CASING; SELECT; DATA; STORAGE; SEMICONDUCTOR; MEMORY

Derwent Class: T01; T05; X25

International Patent Class (Main): G06K-019/04

International Patent Class (Additional): G06K-019/06; G11C-007/00;

H01L-025/04

File Segment: EPI

17/5/4 (Item 4 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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007523059

WPI Acc No: 1988-156992/198823

XRPX Acc No: N88-119970

Train passage control system using electronic tokens - has channel communicating with non-vital part of interlocking in manner similar to signal box keyboard input

Patent Assignee: BRITISH RAILWAYS BOARD (BRRL)

Inventor: APPERSON J

Number of Countries: 004 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2198271	A	19880608	GB 8724785	A	19871022	198823 B
AU 8780665	A	19880505				198826
US 4858859	A	19890822	US 87116013	A	19871102	198942
GB 2198271	B	19901003				199040
CA 1296087	C	19920218				199214

Priority Applications (No Type Date): GB 8626358 A 19861104; GB 8724785 A 19871022

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2198271	A		20		
US 4858859	A		9		

Abstract (Basic): GB 2198271 A

Tokens are passed between a signal box and a train via a solid-state security interlocked communications channel, permitting movement of train past a control point. A second data communications channel (11) between the signal box and train interfaces with the solid-state interlocking. At the signal box a keyboard feeds data to the interlocking and this communicates with the vital part of the solid-state interlocking via a similar route to the keyboard.

The two data channels and a voice channel use a common radio link between the train and the signal box. Pref. one of the data channels and a voice channel use a common radio link between the radio equipment in the signal box and the other data channel uses a separate radio link. Pref. a unit on the vehicle interrogates beacons or transponders to determine its geographical position, the positional information sent to the interlocking via the first or second data channel.

ADVANTAGE - Can operate asynchronously, receive data messages at any time, enables incoming data to be stored in non-vital part of solid state interlocking data need not be secure or safe as they are not input directly into interlocking and can be configured in variety of ways to permit greatest possible use of available radio channel allocations.

2/5

Title Terms: TRAIN; PASSAGE; CONTROL; SYSTEM; ELECTRONIC; TOKEN; CHANNEL; COMMUNICATE; NON; VITAL; PART; INTERLOCKING; MANNER; SIMILAR; SIGNAL; BOX ; KEYBOARD; INPUT

Derwent Class: Q21; X23

International Patent Class (Additional): B61L-021/00; B61L-023/24;

B61L-027/02

File Segment: EPI; EngPI

17/5/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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003603523
WPI Acc No: 1983-F1720K/198316
XRPX Acc No: N83-067442

Vehicle passage control system - has electronic controls in control centre and each train with radio telephone link controlling issue and return of electronic token

Patent Assignee: BRITISH RAILWAYS BOARD (BRRL)
Inventor: BIRKIN M S

Number of Countries: 014 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 76672	A	19830413	EP 82305247	A	19821001	198316 B
AU 8289109	A	19830414				198322
GB 2109969	A	19830608	GB 8228052	A	19821001	198323
ZA 8207259	A	19830707				198343
CA 1186788	A	19850507				198523
GB 2109969	B	19850724				198530
US 4538781	A	19850903	US 82432435	A	19821004	198538
EP 76672	B	19871209				198749
DE 3277806	G	19880121				198804

Priority Applications (No Type Date): GB 8129916 A 19811003

Cited Patents: 1.Jnl.Ref; No-SR.Pub; US 3888437

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 76672	A	E	21		
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Designated States (Regional): AT BE CH DE FR IT LI NL SE

EP 76672	B	E			
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Designated States (Regional): AT BE CH DE FR IT LI NL SE

Abstract (Basic): EP 76672 A

One aspect of the invention is a control system in which vehicles are authorised to pass through a restricted section by means of a unique token which is passed from a control point to a vehicle prior to entering the section and returned to a control point upon leaving that section.

The central control, and each vehicle in use, is provided with electronic transmitting and receiving equipment by which an exclusive **electronic token** is transmitted between **control** and the designated vehicle and is withdrawn once the restricted section has been traversed. The data port on the train's radio equipment is connected to a token display box having decoding logic in order to check that the electronic token received by the train is valid and addressed to that particular train. The control centre equipment includes a set of electronic registers containing the electronic tokens and train numbers relevant to the area it controls.

2/6

Title Terms: VEHICLE; PASSAGE; CONTROL; SYSTEM; ELECTRONIC; CONTROL; CONTROL; CENTRE; TRAIN; RADIO; TELEPHONE; LINK; CONTROL; ISSUE; RETURN; ELECTRONIC; TOKEN

Index Terms/Additional Words: RAILWAY

Derwent Class: Q21; W05; X23

International Patent Class (Additional): B61L-001/08; B61L-003/00;

B61L-023/22; B61L-027/00; G08B-000/00

File Segment: EPI; EngPI

?

19/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015848428 **Image available**
WPI Acc No: 2004-006255/200401
Related WPI Acc No: 2002-616120

System, transaction method, and terminal for post-payment charge typed electronic cash

Patent Assignee: KOREA ELECTRONIC BANKING TECHNOLOGY CO (KOEL-N)
Inventor: CHO J I; KIM J D
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2003064600	A	20030802	KR 200260260	A	20021002	200401 B
JP 2004005410	A	20040108	JP 200316318	A	20030124	200405

Priority Applications (No Type Date): KR 20024399 A 20020125
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2003064600	A		1	G06F-017/60	
JP 2004005410	A		25	G06F-017/60	

Abstract (Basic): KR 2003064600 A

NOVELTY - A system, a transaction method, and a terminal for the post-payment charge typed electronic cash are provided to reduce the troublesomeness to charge the electronic cash and the burden of the pre-payment charge.

DETAILED DESCRIPTION - The charging terminal(200) charges the virtual price to the electronic cash without compensation, and transmits the charge information. A transaction terminal(300) receives the **transaction** price with the **electronic cash**, and stores or transmits the **transaction** information according to a transaction activity. A management server(100) **collects** and verifies the **charge** information from the charging terminal(200) and the transaction information from the transaction terminal(300), pays the transaction price to a seller according to a result to process the transaction, and claims the transaction price to a user.

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; TRANSACTION; METHOD; TERMINAL; POST; PAY; CHARGE; TYPING; ELECTRONIC; CASH
Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G07F-007/08
File Segment: EPI

19/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011713302
WPI Acc No: 1998-130212/199812
Related WPI Acc No: 1996-239668; 1997-298417
XRPX Acc No: N98-102853

Purchase and bill payment transaction system for transferring electronic cash using wireless/cellular terminal - configures adjustable radio coverage within which terminal can send, receive and/or broadcast data to/from other terminals or host computer without using network

Patent Assignee: VAZVAN B (VAZV-I)
Inventor: VAZVAN B
Number of Countries: 019 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9745814	A1	19971204	WO 97FI315	A	19970526	199812 B
EP 960402	A1	19991201	EP 97923126	A	19970526	200001
			WO 97FI315	A	19970526	

Priority Applications (No Type Date): FI 971248 A 19970326; FI 962553 A 19960619; FI 97767 A 19970224

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9745814	A1	E 30	G07F-007/08	
Designated States (National): US				
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE				
EP 960402	A1	E	G07F-007/08	Based on patent WO 9745814
Designated States (Regional): AT BE CH DE FI FR GB IE IT LI NL SE				

Abstract (Basic): WO 9745814 A

The system includes a remote bill payment device for transactions with a remote host computer or other terminals. The user's details, account number, contact codes and number, bill, the required amount of telecash are received, handled and transmitted to other terminals directly without using the network or via base stations or via any wireless/cellular and/or internet network. The required data are sent, received and/or broadcasted to/from other terminals directly under the coverage of the terminals without using the network. An adjustable radio coverage are configured within which the terminal can send, receive and/or broadcast data to/from other terminals or host computer without using the network. The user is prompted to enter a personal **identification** number for **payments**, P-PIN. The entered P-PIN, is encrypted which can be same as the encrypting device used for encrypting the PIN code for mobile telephone services. The received details is sent and when required the needed amount of telecash to the remote host computer or other terminals.

Dwg.0/9

Title Terms: PURCHASE; BILL; PAY; TRANSACTION; SYSTEM; TRANSFER; ELECTRONIC ; CASH; WIRELESS; CELLULAR; TERMINAL; CONFIGURATION; ADJUST; RADIO; COVER ; TERMINAL; CAN; SEND; RECEIVE; BROADCAST; DATA; TERMINAL; HOST; COMPUTER ; NETWORK

Derwent Class: T01; T05; W01; W02

International Patent Class (Main): G07F-007/08

International Patent Class (Additional): G06F-017/60; G06F-157-00; G07F-019/00

File Segment: EPI

19/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011344515 **Image available**

WPI Acc No: 1997-322420/199730

XRPX Acc No: N97-266783

Method of billing by electronically transferring identifying information - using purchaser's wireless terminal during call set-up to transfer information and initiate transaction between purchaser and merchant, and receiving electronic record of transaction at centralised billing location

Patent Assignee: AT & T CORP (AMTT)

Inventor: SALIMANDO S C

Number of Countries: 003 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 780802	A2	19970625	EP 96308946	A	19961210	199730 B

Priority Applications (No Type Date): US 95591186 A 19951219

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 780802	A2	E	18	G07B-015/00	

Designated States (Regional): DE FR GB

Abstract (Basic): EP 780802 A

The method involves electronically transferring automatically identifying information associated with a purchaser's wireless terminal, during a call set-up. The transfer is from the wireless terminal through a telephone network to a merchant's billing mechanism to initiate a transaction between the purchaser and the merchant.

At a centralised billing location an electronic record of the transaction is received. The record is created at the merchant's billing mechanism and transmitted from it. The record contains the purchaser's identifying information and details of an account transacted. The purchaser is billed for the amount transacted.

USE - Relates to **fee** and toll **collection** system employing wireless communications. Also for processing **transactions** from manually operated **electronic cash** register associated with billing device.

ADVANTAGE - Allows for use of cellular telephones for paying for goods and services.

Dwg.4/9

Title Terms: METHOD; BILL; ELECTRONIC; TRANSFER; IDENTIFY; INFORMATION; PURCHASE; WIRELESS; TERMINAL; CALL; SET-UP; TRANSFER; INFORMATION; INITIATE; TRANSACTION; PURCHASE; MERCHANT; RECEIVE; ELECTRONIC; RECORD; TRANSACTION; CENTRE; BILL; LOCATE

Derwent Class: T01; T05; W01

International Patent Class (Main): G07B-015/00

File Segment: EPI

?

File 348:EUROPEAN PATENTS 1978-2004/Mar W03

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040325,UT=20040318

(c) 2004 WIPO/Univentio

? ds

Set	Items	Description
S1	144	ELECTRONIC() (TOKEN OR TOKENS)
S2	25	S1(5N) (PURCHAS? OR BUY OR BUYS OR BUYING OR BOUGHT OR TRANS- ACTION OR TRANSACTIONS)
S3	20	S1(5N) (STORING OR STORE? ? OR DB OR DATABASE? OR DATA()BAS- E?)
S4	0	S1(5N) (REPORT OR REPORTS OR DRAFT OR DRAFTS)
S5	10	S1(5N) (CREDIT OR CREDITS OR TRANSFER OR TRANSFERS OR TRANS- FERRING?)
S6	14	S1(5N) (MONITOR? OR CANCEL? OR USAGE OR VERIF? OR COMPAR? OR TRACK? OR CONTROL? OR IDENTIF? OR STATUS)
S7	8127	(COLLECT? OR TRACK? OR MONITOR? OR IDENTIF?) (3N) (PAYMENT OR PAYMENTS OR FEE OR FEES OR CHARGE OR CHARGES)
S8	14531	(PURCHAS? OR BUY OR BUYS OR BUYING OR BOUGHT) (5N) (SERVICE - OR SERVICES OR PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHA- NDISE?)
S9	12	AU=(BARKAN, M? OR BARKAN M?)
S10	10	S3 AND IC=G06F
S11	13	S2 AND IC=G06F
S12	8	S11 NOT S10
S13	7	S5 NOT (S10 OR S12)
S14	8	S2(S) (S7 OR S8)
S15	0	S14 NOT (S10:S13)
S16	0	S9(S)S1

10/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00271842

Oscillators and processor circuits.
Oszillator- und Prozessorschaltungen.
Circuits oscillateurs et processeurs.

PATENT ASSIGNEE:

MARS, INCORPORATED, (862510), 6885 Elm Street, McLean, VA 22101-3883,
(US), (applicant designated states:
AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Eglise, David, 53 Alma Road, Windsor Berkshire, SL4 3HH, (GB)
Ruddell, Alan James, 49 Barkham Ride, Wokingham Berkshire, RG11 4HA, (GB)

LEGAL REPRESENTATIVE:

Burke, Steven David et al (47741), R.G.C. Jenkins & Co. 26 Caxton Street,
London SW1H 0RJ, (GB)

PATENT (CC, No, Kind, Date): EP 266125 A1 880504 (Basic)
EP 266125 B1 920219

APPLICATION (CC, No, Date): EP 87309327 871019;

PRIORITY (CC, No, Date): GB 8625074 861020

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G06K-019/06; **G06F-001/04**

ABSTRACT WORD COUNT: 104

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	677
CLAIMS B	(German)	EPBBF1	575
CLAIMS B	(French)	EPBBF1	751
SPEC B	(English)	EPBBF1	5061
Total word count - document A			0
Total word count - document B			7064
Total word count - documents A + B			7064

...INTERNATIONAL PATENT CLASS: **G06F-001/04**

...SPECIFICATION according to the preamble of claim 1 is known from
EP-A-147099.

One particular **application** in which such problems are serious is
that of data- **storing electronic tokens** which are generally
coin-sized and shaped, such as those described in EP-A-147099...

10/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

01004318 **Image available**

**SYSTEMS AND METHODS FOR CONDUCTING ELECTRONIC COMMERCE TRANSACTIONS
REQUIRING MICROPAYMENT**
**SYSTEMES ET PROCEDES PERMETTANT D'EFFECTUER DES TRANSACTIONS DE COMMERCE
ELECTRONIQUE NECESSITANT UN MICROPAIEMENT**

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

PISANO Nicola A (et al) (agent), c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200334310 A1 20030424 (WO 0334310)

Application: WO 2002US25354 20020807 (PCT/WO US0225354)

Priority Application: US 2001311446 20010809; US 200257420 20020125

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 30794

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... micropayment server enables
users to easily open a micropayment user account with the
MSP to **store electronic tokens** that may be used to
purchase tangible goods, content, or services on
electronic commerce vendor...services.

[01231 Micropayment server 80 also provides users 65a
d with micropayment user accounts to **store electronic
tokens** that may be used to purchase tangible goods,
content, or services on vendor web servers...server 80 enables users to
easily
open a micropayment user account with MSP 60 to **store
electronic tokens** that may be used to purchase tangible
goods, content, or services on electronic commerce vendor...Buy" button
470 may be selected by the user to
purchase the content item using **electronic tokens stored**
in the user's micropayment account. "Incentive" button
475 may be selected by the user...

Claim

... user account to the
user, each micropayment user account in the plurality of
micropayment accounts **storing** a subset of the **electronic
tokens** purchased with a different currency;
providing a micropayment vendor account to each
one ...of claim 8, wherein each
micropayment user account in the plurality of
micropayment user accounts **stores** a subset of the
electronic tokens purchased with a different currency.

10 The method of claim 8, wherein the
micropayment service...

10/3,K/3 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00979228 **Image available**

**METHOD OF AND SYSTEM FOR DISTRIBUTING ELECTRONIC COUPONS OVER A NETWORK
AFTER THE CONSUMMATION OF A PURCHASE TRANSACTION BASED ON A CLIENT'S
PURCHASE HISTORY**

**PROCEDE ET SYSTEME DE DISTRIBUTION DE BONS ELECTRONIQUES EN FONCTION DES
ACHATS D'UN CLIENT**

Patent Applicant/Assignee:

CATALINA MARKETING INTERNATIONAL INC, 200 Carillon Parkway, St.
Petersburg, FL 33716, US, US (Residence), US (Nationality)

Inventor(s):

LAOR Raviv, 155 West 81st Street, New York, NY 10024, US,

Legal Representative:

NEIFELD Richard A (agent), Oblon, Spivak, McClelland, Maier & Neustadt,
P.C., Crystal Square Five, Fourth Floor, 1775 Jefferson Davis Highway,
Arlington, VA 22202, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200309197 A1 20030130 (WO 0309197)

Application: WO 2001US22670 20010719 (PCT/WO US0122670)

Priority Application: WO 2001US22670 20010719

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5815

Main International Patent Class: G06F-017/60

International Patent Class: G06F-017/00

Fulltext Availability:

Detailed Description

Detailed Description

... book of electronic coupons is transferred to the client system in the
form of an **electronic token** which is **stored** in memory at the client
system.

10

The electronic token can be detected by any...

10/3,K/4 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00879872

**METHOD OF DISTRIBUTING ELECTRONIC TOKENS TO ENABLE A CONSUMER TO PAY FOR AN
ITEM**

**PROCEDE DE DISTRIBUTION DE JETONS ELECTRONIQUES PERMETTANT A UN
CONSUMMATEUR DE REGLER LE PRIX D'UN ARTICLE**

Patent Applicant/Assignee:

RADIOSCAPE LIMITED, 2 Albany Terrace, London NW1 4DS, GB, GB (Residence),
GB (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

FERRIS Gavin Robert, Flat 8, St. Christophers Court, 102 Junction Road,
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for: US)

Legal Representative:

ORIGIN LIMITED (agent), 52 Muswell Hill Road, London N10 3JR, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200213073 A1 20020214 (WO 0213073)

Application: WO 2001GB3502 20010803 (PCT/WO GB0103502)

Priority Application: GB 200019012 20000803

Designated States: JP US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 3011

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... a prompt issued from the device.

10 The method of Claim 1 in which the **electronic tokens stored** at a
device finally expire after a pre-set time. 1 0 11. The method of Claim 1
in which the **electronic tokens stored** at a device decay over time.

12 The method of Claim 1 in which the...

10/3,K/5 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00866286

**SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR SHIPPING A PACKAGE PRIVATELY
TO A CUSTOMER**

**SYSTEME, PROCEDE ET ARTICLE MANUFACTURE UTILISES POUR EXPEDIER UN PAQUET A
UN CLIENT SANS QUE L'EXPEDITEUR CONNAISSE L'ADRESSE DU DESTINATAIRE**

Patent Applicant/Assignee:

UNITED STATES POSTAL SERVICE, 475 L'Enfant Plaza, S.W., Rm 6344,
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all designated states except: US)

Patent Applicant/Inventor:

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PENSABENE Phillip A, 3801 Hollyberry Drive, Huntingtown, MD 20369-4304,
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RAY Christine R L, 2019 34th Street, SE, Washington, DC 20020, US, US
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RIOS Julie F, 1109 Independence Avenue, SE, Washington, DC 20003, US, US
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ROBINSON Jacquelyn M, P.O. Box 44053, Washington, DC 20026-4053, US, US
(Residence), US (Nationality), (Designated only for: US)

TROXEL Kerry J, 7201 West Wind Drive, Bowie, MD 20715-1735, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

CONVERSE Robert E (et al) (agent), Finnegan, Henderson, Farabow, Garrett
& Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200199005 A1 20011227 (WO 0199005)
Application: WO 2001US19384 20010619 (PCT/WO US0119384)
Priority Application: US 2000212596 20000619; US 2000232430 20000914
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 8521

Main International Patent Class: G06F-017/60
Fulltext Availability:
Detailed Description

Detailed Description

... generate an electronic token or request registration system 104 to
generate an electronic token. The **electronic token** may also be
stored in the customer's account.

[073] Oncethetokenhasbeengenerated,thetokenmaybeprovidedtoclient
computer 102 (stage 606). After obtaining the...

10/3,K/6 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00865412 **Image available**

**METHOD OF AND SYSTEM FOR DISTRIBUTING AND/OR MODIFYING ELECTRONIC COUPONS
OVER A NETWORK**

**PROCEDE ET SYSTEME PERMETTANT LA DISTRIBUTION ET/OU LA MODIFICATION DE
COUPONS ELECTRONIQUES PAR L'INTERMEDIAIRE D'UN RESEAU**

Patent Applicant/Assignee:

CATALINA MARKETING INTERNATIONAL INC, 200 Carillon Parkway, St.
Petersburg, FL 33716, US, US (Residence), US (Nationality)

Inventor(s):

LAOR Raviv, 155 West 81st Street, New York, NY 10024, US,

Legal Representative:

NEIFELD Richard A (et al) (agent), OBLON, SPIVAK, McCLELLAND,, MAIER &
NEUSTADT, P.C., Crystal Square Five, Fourth Floor, 1755 Jefferson Davis
Highway, Arlington, Virginia 22202, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200198998 A1 20011227 (WO 0198998)

Application: WO 2001US19109 20010615 (PCT/WO US0119109)

Priority Application: US 2000596812 20000619; US 2000633460 20000808

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 11509

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description

... the electronic coupons redeemed, viewed and/or received by the client system, step 504. The **electronic token** is **stored** in memory on the client system, the retail server system or the promotion server system...

10/3,K/7 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00846389 **Image available**

ELECTRONIC COMMERCE PAYMENT SYSTEM
SYSTEME DE PAIEMENT POUR COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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(Residence), AU (Nationality), (Designated only for: US)

CHALKER Dean Andrew, 18 Vera Street, Toowong, QLD 4066, AU, AU
(Residence), AU (Nationality), (Designated only for: US)

Legal Representative:

FISHER ADAMS KELLY (agent), Level 13, AMP Place, 10 Eagle Street,
Brisbane, QLD 4000, AU,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200180100 A1 20011025 (WO 0180100)

Application: WO 2001AU430 20010417 (PCT/WO AU0100430)

Priority Application: AU 20006965 20000417

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9642

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description

... screens to the client browser. The Payment Server retains session and state information via an **electronic token** known as a "cookie", **stored** transparently in the customer's browser if enabled. Otherw(inverted exclamation mark)se a hidden...

10/3,K/8 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00822197 **Image available**

**METHOD AND APPARATUS FOR CONDUCTING ELECTRONIC COMMERCE TRANSACTIONS USING
ELECTRONIC TOKENS**

**PROCEDE ET APPAREIL DE REALISATION DE TRANSACTIONS DE COMMERCE ELECTRONIQUE
AU MOYEN DE JETONS ELECTRONIQUES**

Patent Applicant/Assignee:

GTX CORPORATION, 2390 East Camelback Road, Suite 410, Phoenix, AZ 85016,
US, US (Residence), US (Nationality)

Inventor(s):

LING Marvin T, 7676 East Tuckey Lane, Scottsdale, AZ 85250, US,

Legal Representative:

PISANO Nicola A (et al) (agent), Fish & Neave, 1251 Avenue of the
Americas, New York, NY 10020, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200155815 A2-A3 20010802 (WO 0155815)

Application: WO 2001US2254 20010123 (PCT/WO US0102254)

Priority Application: US 2000178239 20000126; US 2000553695 20000421; US
2000665237 20000918; US 2001753784 20010102

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 22476

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... products and services for sale or
rental, and information about users and their accounts
for **storing electronic tokens**. If the vendor is
selling or renting software over the network, server
computer 20 may...that the
vendor requires. User database 46 also preferably
includes information on the number of **electronic tokens**
available to each user. User **database** 46 may also
maintain data on how the user has spent tokens in the
past...made between Vendor - A 1801
and MSP 1800 in advance.

Information relating to customers and

electronic tokens are maintained in **databases** in the
MSP server. If desired, information relating to
customers and electronic tokens may also...

10/3,K/9 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00555975 **Image available**

**METHOD OF AND SYSTEM FOR DISTRIBUTING AND REDEEMING ELECTRONIC COUPONS
PROCEDE ET SYSTEME DE DISTRIBUTION ET D'ECHANGE DE COUPONS ELECTRONIQUES**

Patent Applicant/Assignee:

ONECLIP COM INCORPORATED,

Inventor(s):

LAOR Raviv,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200019348 A1 20000406 (WO 0019348)

Application: WO 99US22169 19990924 (PCT/WO US9922169)

Priority Application: US 98160748 19980925; US 98220414 19981223

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD

RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF

CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 6235

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... an electronic token to the client system and the client system may be adapted for **storing** the **electronic token** in the associated memory. In this embodiment, all of the data relating to the coupon...

Claim

... including a computer processor and associated memory, said client system being adapted for receiving and **storing** said **electronic token** in said memory;

and,

I 1 retrieval means for establishing a connection with said client system, for detecting and retrieving said **electronic token stored** on said client system, and for redeeming said electronic coupon.

9 A system according to...including a computer processor and associated memory, said client system being adapted for receiving and **storing** said **electronic token** in said memory, such that said client system may access and utilize said electronic coupon...

10/3,K/10 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00146011

OSCILLATORS AND PROCESSOR CIRCUITS

OSCILLATEURS ET CIRCUITS PROCESSEURS

Patent Applicant/Assignee:

MARS INCORPORATED,

EGLISE David,

RUDELL Alan James,

Inventor(s):

EGLISE David,

RUDELL Alan James,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8802897 A1 19880421
Application: WO 87GB737 19871019 (PCT/WO GB8700737)
Priority Application: GB 8625074 19861020
Designated States: DK JP US
Publication Language: English
Fulltext Word Count: 5850

International Patent Class: **G06F-01:04**

Fulltext Availability:

Detailed Description

Detailed Description

... many purposes.

One particular application in which such problems
are serious is that of data- **storing electronic tokens**
which are generally coin-sized and shaped, such as those
described in EP-A I...

?

12/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01333047

**METHOD AND APPARATUS FOR CONDUCTING ELECTRONIC COMMERCE TRANSACTIONS
USING ELECTRONIC TOKENS
VERFAHREN UND GERAT, UM ELEKTRONISCHE HANDELSTRANSAKTIONEN DURCH VERWENDUNG
ELEKTRONISCHER MARKIERUNGEN DURCHZUFUHREN
PROCEDE ET APPAREIL DE REALISATION DE TRANSACTIONS DE COMMERCE ELECTRONIQUE
AU MOYEN DE JETONS ELECTRONIQUES**

PATENT ASSIGNEE:

PayByClick Corporation, (4201700), 2390 East Camelback Road, Suite 410,
Phoenix, Arizona 85016, (US), (Applicant designated States: all)

INVENTOR:

LING, Marvin, T., 7676 East Tuckey Lane, Scottsdale, AZ 85250, (US)

LEGAL REPRESENTATIVE:

VOSSIUS & PARTNER (100314), Siebertstrasse 4, 81675 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1252562 A2 021030 (Basic)

WO 2001055815 010802

APPLICATION (CC, No, Date): EP 2001905010 010123; WO 2001US2254 010123

PRIORITY (CC, No, Date): US 178239 P 000126; US 553695 000421; US 665237

000918; US 753784 010102

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-001/00

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

**METHOD AND APPARATUS FOR CONDUCTING ELECTRONIC COMMERCE TRANSACTIONS
USING ELECTRONIC TOKENS
INTERNATIONAL PATENT CLASS: G06F-001/00**

12/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00897543 **Image available**

**PRODUCT CODE-BASED METHOD AND SYSTEM FOR DISTRIBUTING ELECTRONIC COUPONS
PROCEDE REPOSANT SUR UN CODE PRODUIT PERMETTANT DE DISTRIBUER DES COUPONS
ELECTRONIQUES ET SYSTEME CORRESPONDANT**

Patent Applicant/Assignee:

CATALINA MARKETING INTERNATIONAL INC, 200 Carillon Parkway, St.
Petersburg, FL 33716, US, US (Residence), US (Nationality)

Inventor(s):

LAOR Raviv, 155 West 81st Street, New York, NY 10024, US,

Legal Representative:

NEIFELD Richard A (agent), Oblon, Spivak, McClelland, Maier & Neustadt,
P.C., Fourth Floor, 1755 Jefferson Davis Highway, Arlington, VA 22202,
US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200231708 A1 20020418 (WO 0231708)

Application: WO 2001US27748 20011002 (PCT/WO US0127748)

Priority Application: US 2000686658 20001011

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9973

Main International Patent Class: **G06F-017/40**

International Patent Class: **G06F-017/00**

Fulltext Availability:

Detailed Description

Detailed Description

... consummation of a transaction. The purchase/rederaption information
may be in the form of an **electronic token** .

In one embodiment, the electronic **purchase** /redemption information token
contains information about the transaction, including the items purchased
and electronic coupons...

12/3,K/3 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00896742 **Image available**

DISTRIBUTING ELECTRONIC COUPONS OVER A NETWORK

DISTRIBUTION DE BONS DE REDUCTION ELECTRONIQUES SUR UN RESEAU

Patent Applicant/Assignee:

CATALINA MARKETING INTERNATIONAL INC, 200 Carillon Parkway, St.

Petersburg, FL 33716, US, US (Residence), US (Nationality)

Inventor(s):

LAOR Raviv, 155 West 81st Street, New York, NY 10024, US,

Legal Representative:

NEIFELD Richard A (agent), Oblon, Spivak, McClelland, Maier & Neustadt,
P.C., Fourth Floor, 1755 Jefferson Davis Highway, Arlington, VA 22202,
US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200230530 A1 20020418 (WO 0230530)

Application: WO 2001US27749 20011002 (PCT/WO US0127749)

Priority Application: US 2000686291 20001011

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9986

...International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... consummation of a transaction. The purchase/redemption information may be in the form of an **electronic token** .

In one embodiment, the electronic **purchase** /redemption information token contains information about the transaction, including the items purchased and electronic coupons...

12/3,K/4 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00852769 **Image available**

METHOD OF AND SYSTEM FOR DISTRIBUTING AND/OR MODIFYING ELECTRONIC COUPONS
OVER A NETWORK PRIOR TO THE CONSUMMATION OF A PURCHASE TRANSACTION
BASED ON A CLIENT'S PURCHASING/REDEMPTION HISTORY
PROCEDE ET SYSTEME PERMETTANT DE DISTRIBUER ET/OU DE MODIFIER DES COUPONS
ELECTRONIQUES PAR L'INTERMEDIAIRE D'UN RESEAU AVANT L'EXECUTION D'UNE
TRANSACTION D'ACHAT SUR LA BASE D'UNE HISTORIQUE D'ACHAT/RACHAT DE
CLIENT

Patent Applicant/Assignee:

CATALINA MARKETING INTERNATIONAL INC, 200 Carillon Parkway, St.
Petersburg, FL 33716, US, US (Residence), US (Nationality)

Inventor(s):

LAOR Raviv, 155 West 81st Street, New York, NY 10024, US,

Legal Representative:

NEIFELD Richard A (agent), Oblon, Spivak, McClelland, Maier & Neustadt,
P.C., Crystal Square Five, Fourth Floor, 1755 Jefferson Davis Highway,
Arlington, VA 22202, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200186378 A2-A3 20011115 (WO 0186378)

Application: WO 2001US14559 20010507 (PCT/WO US0114559)

Priority Application: US 2000202949 20000509; US 2000573727 20000518; US
2000634930 20000808

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9118

Main International Patent Class: **G06F-017/40**

International Patent Class: **G06F-017/60** ...

... **G06F-017/30**

Fulltext Availability:

Detailed Description

Claims

English Abstract

...to the e-tail server system over the communications network and includes at least one **electronic token** representative of **purchase** /redemption information, the **electronic token** being transmitted thereto by the e-tail server system (202). The e-tail server system...

Detailed Description

... coupleable to the e-tail server system over the communications network to initiate a purchase **transaction** and includes at least one **electronic token** representative of **purchase** /redemption information, the **electronic token** being transmitted thereto by the e-tail server system. The e-tail server system is...client system and an e-tail server system, the client system including at least one **electronic token** representative of **purchase** /redemption information, the **electronic token** being transmitted thereto by the e-tail server system.

The e-tail server system reads...

...the first e-tail server system over the communications network and includes at least one **electronic token** representative of
4
purchase /redemption information, the **electronic token** being transmitted thereto by a second e-tail server system. The first e-tail server...

...initiate a purchase transaction and including at least one electronic coupon and at least one **electronic token** representative of **purchase** /redemption information, the **electronic token** being transmitted thereto by the e-tail server system. The e-tail server system is...

Claim

... coupleable to said e-tail server system over said communications network to initiate a purchase **transaction** and including at least one **electronic token** representative of **purchase** /redemption information, said **electronic token** being transmitted thereto by said e-tail server system; said e-tail server system being...

...tail server system to initiate a purchase transaction, said client system including at least one **electronic token** representative of **purchase** /redemption information, said **electronic token** being transmitted thereto by said e-tail server system;
B. said e-tail server system...to said first e-tail server system over said communications network to initiate a purchase **transaction** and including at least one **electronic token** representative of **purchase** /redemption information, said **electronic token** being transmitted thereto by a second e-tail server system; said first e-tail server...

...initiate a purchase transaction and including at least one electronic coupon and at least one **electronic token** representative of **purchase** /redemption information, said **electronic token** being transmitted thereto by said e-tail server system;
26
said e-tail server system...

12/3,K/5 (Item 4 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00833838 **Image available**
ELECTRONIC COMMERCE PAYMENT SYSTEM
SYSTEME DE PAIEMENT DE COMMERCE ELECTRONIQUE
Patent Applicant/Assignee:

TECHNOCASH INC, P.O. Box 118, St. Petersburg, FL 33731-0118, US, US
(Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
PAKALNS Raymond Eric, Level 5, 20 Smith Street, Parramatta, NSW 2150, AU,
AU (Residence), AU (Nationality), (Designated only for: US)
MONSTED Paul, Level 5, 20 Smith Street, Parramatta, NSW 2150, AU, AU
(Residence), AU (Nationality), (Designated only for: US)
Legal Representative:
WATERMARK PATENT & TRADEMARK ATTORNEYS (agent), Unit 1 The Village,
Riverside Corporate Park, 39-117 Delhi Road, North Ryde, NSW 2113, AU,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200167407 A1 20010913 (WO 0167407)
Application: WO 2001AU236 20010307 (PCT/WO AU0100236)
Priority Application: AU 20006080 20000307
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9110

International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description
Claims

English Abstract

A token (400) for an **electronic token** money **transaction** system has
a monetary value (401) and a unique identification code (405) which is
dynamically...

Detailed Description

... the Invention

According to a first aspect of the present invention, there is provided
an **electronic**
token money **transaction** system enabling customers to purchase goods
and
services from merchants in a secure manner. The...

...According to a second aspect of the present invention, there is provided
a method of **purchasing** goods or services using **electronic token**
money, the method including, selecting a good or service from a merchant
for purchase at...

Claim

An **electronic token** money **transaction** system enabling customers to
purchase goods and services from merchants in a secure manner, the...

...includes a monetary value to
which a unique identification code is dynamically assignable.

2 An **electronic token** money **transaction** system as claimed in claim
1, in which the monetary value is non-rechargeable.

3 An **electronic token** money **transaction** system as claimed in claim
1 or claim 2 in which the unique identification code...

16 A method of **purchasing** goods or services using **electronic token** money, the method including:
selecting a good or service from a merchant for purchase at...

...assigned is at least approximately equal to the value of the payment received.

28 An **electronic token money transaction** system as claimed in any one of claims 1 to 15, substantially as described with...

12/3,K/6 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00830849 **Image available**

SECURE TRANSACTION SYSTEM
SYSTEME DE TRANSACTIONS SECURISEES

Patent Applicant/Assignee:

IDENTIX INCORPORATED, 510 North Pastoria Avenue, Sunnyvale, CA 94086, US,
US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

KHIDEKEL Yuri, 3555 Old Mountain View Drive, Lafayette, CA 94549, US, US
(Residence), US (Nationality), (Designated only for: US)

BALASHOV Alex, 194 Eastridge Road, San Ramon, CA 94583, US, US
(Residence), US (Nationality), (Designated only for: US)

BASHMAKOV Vladimir, 1351 Montego Way #880, Walnut Creek, CA 94598, US, US
(Residence), RU (Nationality), (Designated only for: US)

Legal Representative:

BORODACH Samuel (agent), Fish & Richardson P.C., Suite 2800, 45
Rockefeller Plaza, New York, NY 10111, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200163567 A2-A3 20010830 (WO 0163567)

Application: WO 2001US40179 20010223 (PCT/WO US0140179)

Priority Application: US 2000184958 20000225

Parent Application/Grant:

Related by Continuation to: US 2000184958 20000225 (CON)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4909

International Patent Class: **G06F-012/00** ...

Fulltext Availability:

Detailed Description

Detailed Description

... enrollment page.

FIG. 4 is a flow chart of a method -for performing a secure **transaction**

FIG. 5 illustrates an **electronic token** .

DETAILED DESCRIPTION

As illustrated in FIG. 1, a secure transaction system IO includes all authentication...

12/3,K/7 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00576358 **Image available**

**SECURE SYSTEM FOR THE ISSUANCE, ACQUISITION, AND REDEMPTION OF CERTIFICATES
IN A TRANSACTION NETWORK
SYSTEME DE SECURITE PERMETTANT D'EMETTRE, D'ACQUERIR ET DE RACHETER DES
CERTIFICATS DANS UNE TRANSACTION**

Patent Applicant/Assignee:

WHITFIELD Henry,

Inventor(s):

WHITFIELD Henry,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200039731 A1 20000706 (WO 0039731)

Application: WO 99US30678 19991221 (PCT/WO US9930678)

Priority Application: US 98113706 19981224

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU

TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG

CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 18367

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... halves

5 when combined recreate the electronic money token from which they were generated, but **buy** themselves neither **electronic token** half has any value. Nor can either electronic token half by itself be used to...

12/3,K/8 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00424459 **Image available**

**PAYMENT AND TRANSACTIONS IN ELECTRONIC COMMERCE SYSTEM
PAIEMENT ET TRANSACTIONS DANS UN SYSTEME DE COMMERCE ELECTRONIQUE**

Patent Applicant/Assignee:

CERTCO LLC,

Inventor(s):

KRAVITZ David William,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9814921 A1 19980409

Application: WO 97US16930 19971001 (PCT/WO US9716930)

Priority Application: US 96726434 19961004

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 29178

International Patent Class: G06F-17:60

Fulltext Availability:

Detailed Description

Detailed Description

... 0 Only a single transaction is needed to fund
an account.

Debit systems execute payment **transactions** by
exchanging **electronic tokens** . These tokens are
digitally signed by a participating bank and
delivered to the consumer in...

13/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01449636

Controlling printing on a network
Drucksteuerung auf einem Netzwerk
Commande d'impression dans un reseau

PATENT ASSIGNEE:

Richler Graphics Ltd, (4080980), 123 Hagley Road, Edgebaston, Birmingham
B16 8TG, (GB), (Applicant designated States: all)

INVENTOR:

Forbes, Susan, Buckland House, Tilford Road, Farnham, Surrey GU9 8HX,
(GB)

Mayer, Amy Louise, 27 Stonebridge Field, Eaton, Berks SL4 6PS, (GB)

LEGAL REPRESENTATIVE:

Brunner, Michael John (28871), GILL JENNINGS & EVERY, Broadgate House, 7
Eldon Street, London EC2M 7LH, (GB)

PATENT (CC, No, Kind, Date): EP 1241562 A1 020918 (Basic)

APPLICATION (CC, No, Date): EP 2001302520 010316;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-003/12

ABSTRACT WORD COUNT: 195

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200238	668
SPEC A	(English)	200238	2078
Total word count - document A			2746
Total word count - document B			0
Total word count - documents A + B			2746

...SPECIFICATION using a proprietary client application, to release his own
on-site server software with the **electronic token** or **credit** to
print or otherwise utilise a service in order to print a predefined
number of...

13/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00913123

Method and product for generating electronic tokens
Verfahren und Produkt zum Erzeugen von elektronische Wertmarken
Methode et produit pour la generation de jetons electroniques

PATENT ASSIGNEE:

XEROX CORPORATION, (219783), Xerox Square, Rochester, New York 14644,
(US), (Applicant designated States: all)

INVENTOR:

Krsul, Ivan V., 608 Elm Drive, W Lafayette, Indiana 47906, (US)

Mudge, J. Craig, 939 Cowper Street, Palo Alto, California 94301, (US)

Demers, Alan J., 720 Hopkins Gulch, Boulder Creek, California 95006, (US)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)

, Maximilianstrasse 58, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 833285 A2 980401 (Basic)
EP 833285 A3 000301
APPLICATION (CC, No, Date): EP 97307524 970925;
PRIORITY (CC, No, Date): US 721484 960927
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G07F-019/00; G07F-007/08; G07F-007/10
ABSTRACT WORD COUNT: 183
NOTE:

Figure number on first page: 4

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9814	593
SPEC A	(English)	9814	7793
Total word count - document A			8386
Total word count - document B			0
Total word count - documents A + B			8386

...SPECIFICATION match, the seller is attempting to double spend the token, and bank 18 will not **credit** the seller for that **electronic token** . On the other hand, if the serial number of the electronic token matches a session...If the session serial number is not in the database entry, bank 18 will not **credit** buyer 16 for that **electronic token** . On the other hand, if a matching session serial number is found in the database...

13/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00869573

Electronic game method and apparatus with hierarchy of simulated wheels
Elektronisches Spielverfahren und Gerat mit Staffelung von simulierten Walzen

Methode et machine de jeu electronique avec une hierarchie de roues simulees

PATENT ASSIGNEE:

International Game Technology, (2015070), 520 South Rock Boulevard, Reno, Nevada 89502, (US), (Proprietor designated states: all)

INVENTOR:

Baerlocher, Anthony J., 601 West Adaline Street, Carson City, Nevada 89502, (US)

Crowder, Robert W. Jr., 5380 Twin Creeks Drive, Reno, Nevada 89523, (US)

LEGAL REPRESENTATIVE:

Thul, Stephan et al (74342), Manitz, Finsterwald & Partner GbR

Martin-Greif-Strasse 1, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 797175 A1 970924 (Basic)
EP 797175 B1 020731

APPLICATION (CC, No, Date): EP 97104894 970321;

PRIORITY (CC, No, Date): US 620586 960322

DESIGNATED STATES: BE; DE; ES; FR; GB; GR; IT; NL; SE

INTERNATIONAL PATENT CLASS: G07F-017/32

ABSTRACT WORD COUNT: 212

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	199709W3	1120
CLAIMS B	(English)	200231	1590
CLAIMS B	(German)	200231	1582
CLAIMS B	(French)	200231	1867
SPEC A	(English)	199709W3	5619
SPEC B	(English)	200231	5844
Total word count - document A			6740
Total word count - document B			10883
Total word count - documents A + B			17623

...SPECIFICATION area networks and the like, and can involve either monetary wagering, wagering using physical or **electronic tokens**, **credits** and the like, or play without wagering such as for amusement purposes.

In one embodiment...

...SPECIFICATION area networks and the like, and can involve either monetary wagering, wagering using physical or **electronic tokens**, **credits** and the like, or play without wagering such as for amusement purposes.

In one embodiment...

13/3,K/4 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00887196 **Image available**

**SYSTEM AND METHOD FOR CASHLESS TRANSACTIONS
SYSTEME ET PROCEDE DE TRANSACTION ELECTRONIQUE**

Patent Applicant/Assignee:

ARDENT TECHNOLOGY, Suite 5-E, 4815 W. Russell Road, Las Vegas, NV 89118,
US, US (Residence), US (Nationality)

Inventor(s):

CURTIS Keith, 138 Bank Ridge Lane, Henderson, NV 89015, US,
RICHARDS David, 8072 Hackberry Drive, Las Vegas, NV 89123, US,
RUNION Brett, 7808 Sleeping Pine Street, Las Vegas, NV 89143, US,

Legal Representative:

ANDERSON Philip J (agent), Anderson & Morishita, L.L.C., 3311 S. Rainbow,
Suite 127, Las Vegas, NV 89146, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200221377 A1 20020314 (WO 0221377)

Application: WO 2001US27168 20010830 (PCT/WO US0127168)

Priority Application: US 2000231393 20000908; US 2001942854 20010829

Designated States: AU CA JP MX ZA

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 7430

Fulltext Availability:

Detailed Description

Detailed Description

... art references propose retrofitting gaming machines with a read/write device that can read a **credit** or debit card to **transfer electronic tokens** or gaming **credits** 1 5 from a remote bank account to the gaming machine. Some such systems further...

13/3,K/5 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00529410 **Image available**

TELEPHONE APPARATUS WITH MESSAGE DISPLAY
DISPOSITIF TELEPHONIQUE AVEC AFFICHAGE DES MESSAGES

Patent Applicant/Assignee:

PATHFINDER TECHNICAL RESOURCES LIMITED,
DE BEER Leon,

Inventor(s):

DE BEER Leon,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9960762 A2 19991125

Application: WO 99GB1578 19990518 (PCT/WO GB9901578)

Priority Application: GB 9810989 19980521

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 11712

Fulltext Availability:

Claims

Claim

... as claimed in claim 35 wherein
the memory means stores token data representative of
redeemable **electronic tokens** and means for **transferring**
electronic tokens to the transportable memory medium.

37 A telephone apparatus as claimed in any of claims...

13/3,K/6 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00450376 **Image available**

CONVENTION ID BADGE SYSTEM
SYSTEME DE BADGE D'IDENTIFICATION POUR SALONS PROFESSIONNELS

Patent Applicant/Assignee:

NOMADIX LLC,
KLEINROCK Leonard,
SHORT Joel E,

Inventor(s):

KLEINROCK Leonard,
SHORT Joel E,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9840840 A1 19980917

Application: WO 97US3807 19970312 (PCT/WO US9703807)

Priority Application: WO 97US3807 19970312

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU GH
KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 10678

Fulltext Availability:
Detailed Description

Detailed Description

... personal, corporate and authentication information). In this fashion, it could be used as a debit, **credit**, or other forms of **electronic tokens** for commerce, etc.; tokens can be incremented or decremented according to application and usage.

A...

13/3,K/7 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00342500 **Image available**

INFORMATION SERVICES PROVISION AND MANAGEMENT
FOURNITURE ET GESTION DE SERVICES D'INFORMATIONS

Patent Applicant/Assignee:

BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY,
YATES Martin John,
MARSHALL Ian William,
HILL Julian Richard,
FARLEY Patrick Brian,
BAGLEY Mark,

Inventor(s):

YATES Martin John,
MARSHALL Ian William,
HILL Julian Richard,
FARLEY Patrick Brian,
BAGLEY Mark,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9625012 A1 19960815

Application: WO 96GB252 19960207 (PCT/WO GB9600252)

Priority Application: AT 995300754 19950207; GB 958283 19950424

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AZ
BY KG KZ RU TJ TM AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ
CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 18237

Fulltext Availability:
Detailed Description

Detailed Description

... retailer by providing a financial settlement mechanism. Several alternative means may be implemented, such as **credit** card transaction, currency submission acceptance, **electronic tokens** and direct banking instructions;
7. request assistance and help on any aspect of the retail...

File 256:SoftBase:Reviews,Companies&Prods. 82-2004/Mar
(c)2004 Info.Sources Inc
File 2:INSPEC 1969-2004/Mar W3
(c) 2004 Institution of Electrical Engineers
File 35:Dissertation Abs Online 1861-2004/Feb
(c) 2004 ProQuest Info&Learning
File 65:Inside Conferences 1993-2004/Mar W4
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File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Feb
(c) 2004 The HW Wilson Co.
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
(c) 2003 EBSCO Pub.
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 474:New York Times Abs 1969-2004/Mar 30
(c) 2004 The New York Times
File 475:Wall Street Journal Abs 1973-2004/Mar 30
(c) 2004 The New York Times
File 139:EconLit 1969-2004/Mar
(c) 2004 American Economic Association

? ds

Set	Items	Description
S1	21	ELECTRONIC() (TOKEN OR TOKENS)
S2	0	S1(5N) (PURCHAS? OR BUY OR BUYS OR BUYING OR BOUGHT OR TRANS- ACTION OR TRANSACTIONS)
S3	0	S1(5N) (STORING OR STORE? ? OR DB OR DATABASE? OR DATA()BAS- E?)
S4	0	S1(5N) (REPORT OR REPORTS OR DRAFT OR DRAFTS)
S5	0	S1(5N) (CREDIT OR CREDITS OR TRANSFER OR TRANSFERS OR TRANS- FERRING?)
S6	2	S1(5N) (MONITOR? OR CANCEL? OR USAGE OR VERIF? OR COMPAR? OR TRACK? OR CONTROL? OR IDENTIF? OR STATUS)
S7	8393	(COLLECT? OR TRACK? OR MONITOR? OR IDENTIF?) (3N) (PAYMENT OR PAYMENTS OR FEE OR FEES OR CHARGE OR CHARGES)
S8	23194	(PURCHAS? OR BUY OR BUYS OR BUYING OR BOUGHT) (5N) (SERVICE - OR SERVICES OR PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHA- NDISE?)
S9	9	AU=(BARKAN, M? OR BARKAN M?)
S10	12	S1 NOT PY>1997
S11	12	RD (unique items)
S12	0	S1 AND (S7 OR S8)
S13	6	S1 AND (PURCHAS? OR BUY OR BUYS OR BUYING OR BOUGHT OR TRA- NSACTION OR TRANSACTIONS)
S14	5	S13 NOT S11
S15	0	S14 NOT PY>1997
S16	1	S1 AND (REPORT OR REPORTS OR DRAFT OR DRAFTS)
S17	1	S16 NOT PY>1997
S18	0	S17 NOT S11
S19	2	S1 AND (CREDIT OR CREDITS OR TRANSFER OR TRANSFERS OR TRAN- SFERRING?)
S20	1	S19 NOT PY>1997
S21	0	S20 NOT S11
S22	16	S1 AND (MONITOR? OR CANCEL? OR USAGE OR VERIF? OR COMPAR? - OR TRACK? OR CONTROL? OR IDENTIF? OR STATUS)
S23	9	S22 NOT PY>1997
S24	0	S23 NOT S11
S25	0	S1 AND (COLLECT? OR TRACK? OR MONITOR? OR IDENTIF?) (3N) (PA- YMENT OR PAYMENTS OR FEE OR FEES OR CHARGE OR CHARGES)
S26	0	S1 AND (PURCHAS? OR BUY OR BUYS OR BUYING OR BOUGHT) (5N) (S- ERVICE OR SERVICES OR PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR

S27 MERCHANDISE?)
0 S1 AND S9

11/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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5800105 INSPEC Abstract Number: B9802-8520-023, C9802-3360D-005

Title: The electronic token for the Egyptian Railways

Author(s): Wennrich, R.

Journal: Signal und Draht vol.89, no.11 p.30-4

Publisher: Tetzlaff Verlag,

Publication Date: Nov. 1997 Country of Publication: Germany

CODEN: SIGDAN ISSN: 0037-4997

SICI: 0037-4997(199711)89:11L:30:ETER;1-8

Material Identity Number: S092-97010

Language: German Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The token system described offers a simple and economic solution for completely safeguarding the railway traffic by means of a modern technical system in the case of railway lines with a low or medium traffic density. The functionality of this system is based on the token principle. The tokens represent the block information as well as the running orders for the signalling. The token system is cost-effective for the customers: no signals are necessary along the track-side, and voice data and general data transmission between central and decentralized interlocking parts as well as to the vehicles is exclusively performed by radio. When modernizing the Bahariya Line, a railway line of Egyptian Railways, the token system was installed as an integrated rail safety system by using state-of-the-art technology. After commissioning, the system was supervised within the framework of a repair and maintenance contract. (0 Refs)

Subfile: B C

Descriptors: data communication; radio applications; rail traffic; railways; safety; signalling; traffic control

Identifiers: Egyptian Railways; **electronic token**; railway traffic safeguards; medium traffic density; low traffic density; token principle; voice data; data transmission; decentralized interlocking parts; centralized interlocking parts; radio; Bahariya Line; rail safety system; state-of-the-art technology; repair and maintenance contract

Class Codes: B8520 (Transportation); B0160 (Plant engineering, maintenance and safety); B6250 (Radio links and equipment); C3360D (Rail-traffic system control)

Copyright 1998, IEE

11/5/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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5358784 INSPEC Abstract Number: B9610-8150-020

Title: Evaluation of the benefits of a fully re-programmable two way prepayment system

Author(s): Southgate, D.; Metters, L.

Author Affiliation: Eastern Electr., UK

Conference Title: Eighth International Conference on Metering and Tariffs for Energy Supply (Conf. Publ. No.426) p.108-12

Publisher: IEE, London, UK

Publication Date: 1996 Country of Publication: UK ix+256 pp.

ISBN: 0 85296 660 1 Material Identity Number: XX96-02050

Conference Title: Eighth International Conference on Metering and Tariffs for Energy Supply (Conf. Publ.No.426)

Conference Date: 3-5 July 1996 Conference Location: Brighton, UK

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G)

Abstract: The use of **electronic token** operated prepayment metering has become the norm, within the UK, for power system customers with a poor record of payment, or those living in temporary accommodation. The lower cost of use and increased security, compared with coin operated meters, has contributed to the rapid increase in these meters. Eastern Electricity, a division of Hanson plc, is the largest public electricity supplier within the UK and covers eastern side of the country. Eastern Electricity took the decision to operate two different electricity prepayment systems some years ago, and decided that the time was right to examine the financial case for consolidation onto a single system. For this reason it was decided to carry out a pair of trials to evaluate the new prepayment systems that were on the market. The results of these trails are described by the author. (1 Refs)

Subfile: B

Descriptors: computerised instrumentation; economics; electricity supply industry; power system measurement; tariffs; watthour meters

Identifiers: electricity prepayment systems; **electronic tokens**; prepayment metering; UK; power system customers; security; Eastern Electricity; public electricity supplier; performance trials; projects

Class Codes: B8150 (Power system measurement and metering); B8110B (Power system management, operation and economics); B7210B (Automatic test and measurement systems); B7250G (Display, recording and indicating instruments); B7310F (Power and energy measurement)

Copyright 1996, IEE

11/5/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

5259677 INSPEC Abstract Number: B9606-8520-024, C9606-3360D-009

Title: Electric railway traction. V. Train detection, communications and supervision

Author(s): Hill, R.J.

Author Affiliation: Sch. of Electron. & Electr. Eng., Bath Univ., UK

Journal: Power Engineering Journal vol.10, no.2 p.87-95

Publisher: IEE,

Publication Date: April 1996 Country of Publication: UK

CODEN: PEJOEE ISSN: 0950-3366

SICI: 0950-3366(199604)10:2L:87:ERTT;1-#

Material Identity Number: J985-96002

U.S. Copyright Clearance Center Code: 0950-3366/96/\$10.00

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: This article describes systems in use for railway control and communications, and surveys current developments. This article describes the hardware necessary for detecting the position of trains and transmitting information between trains and track control systems. This equipment includes track circuits, transponders and beacons, track conductors, and freespace radio. The implementation of automatic train control systems as a hierarchical process is also covered and the article concludes with a summary of applications of computers and information technology in sophisticated integrated control centres with an overview of the development of the North American Advanced Train Control System (ATCS) and the European Train Control System (ETCS). (5 Refs)

Subfile: B C

Descriptors: data communication; radio applications; rail traffic; railways; traffic control; transponders

Identifiers: track circuits; transponders; beacons; track conductors;

freespace radio; electric railway traction; train detection; railway control; railway communications; information technology; North American Advanced Train Control System; European Train Control System; radio **electronic token** block; speech radio

Class Codes: B8520 (Transportation); B6250 (Radio links and equipment); C3360D (Rail-traffic system control); C7445 (Traffic engineering computing); C7420 (Control engineering computing)

Copyright 1996, IEE

11/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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03680765 INSPEC Abstract Number: B90053692, C90050907

Title: Development of wireless railway control system in foreign countries

Author(s): Hasegawa, Y.

Journal: Shingo Hoan vol.44, no.10 p.413-18

Publication Date: 1989 Country of Publication: Japan

CODEN: SHIHA4 ISSN: 0286-3006

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The application of radio communications to railway control was initiated about two decades ago and practically applied to mine railways in the French Riviera and in Jordan and to the trunk line in Finland. In 1980, an entirely new method which permitted radio communication between trains and control centers was developed in Canada and the **electronic token** system in the UK and the wireless operation method in West Germany quickly followed. The author discusses the present status of the jointly developed ATCS (advanced train control system) in the US and ASTREE (automatisation du suivre en temps reel) in France. The comparison between ATCS and ASTREE is illustrated. (19 Refs)

Subfile: B C

Descriptors: mobile radio systems; rail traffic; signalling; telecontrol; traffic computer control

Identifiers: telecontrol; rail traffic computer control; USA; research initiatives; signalling; railway control system; radio communication; **electronic token** system; wireless operation; ATCS; ASTREE; France

Class Codes: B8520 (Transportation); B6210J (Telemetry); B6250F (Mobile radio systems); C3360D (Rail-traffic systems); C3370L (Remote signalling, dispatching and safety devices); C3250 (Telecontrol and telemetering components); C7420 (Control engineering)

11/5/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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03482077 INSPEC Abstract Number: B89074283, C89063708

Title: Circuit diagnosis using constraint propagation

Author(s): Tsuchiya, R.; Ogino, T.

Author Affiliation: Inf. & Control Syst. Lab., Railway Tech. Res. Inst., Tokyo, Japan

Journal: Quarterly Report of the Railway Technical Research Institute vol.30, no.2 p.68-73

Publication Date: May 1989 Country of Publication: Japan

CODEN: QRTIA8 ISSN: 0033-9008

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: One of the most outstanding features of applied AI would be the development of a large number of expert systems. In the field of

troubleshooting, many expert systems have so far been made. The authors aim to build a diagnostic system that can cope with troubles occurring in the newly-introduced railway signalling systems such as **electronic token** systems and electronic interlocking systems. They adopted a model-based approach using the technique of constraint propagation. This is due to their observation that traditional expert systems, which rely heavily upon the knowledge acquired from human experts, would not be suitable for those areas where little expertise is available. The report contains a detailed account of the prototype system the authors have developed and some comments about the possible improvements and extensions of this system. (2 Refs)

Subfile: B C

Descriptors: circuit analysis computing; expert systems; railways; signalling

Identifiers: circuit analysis computing; constraint propagation; AI; expert systems; railway signalling systems; **electronic token** systems; electronic interlocking systems

Class Codes: B8520 (Transportation); B1130B (Computer-aided circuit analysis and design); C7410D (Electronic engineering); C6170 (Expert systems)

11/5/6 (Item 6 from file: 2)

DIALOG(R) File 2:INSPEC

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03351432 INSPEC Abstract Number: C89029640

Title: Software requirements for railway signalling systems

Author(s): Short, R.C.

Conference Title: IEE Colloquium on 'Software Requirements for High Integrity Systems' (Digest No.115) p.4/1-3

Publisher: IEE, London, UK

Publication Date: 1988 Country of Publication: UK 40 pp.

Conference Sponsor: IEE

Conference Date: 10 Nov. 1988 Conference Location: London, UK

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: A railway signalling system transmits command information to trains. This command information must be interlocked with information relating to train position, state of points and other items of railway equipment to ensure the safety of train movements; processor-based systems are used for these functions. The software for such systems, for example the BR Solid State Interlocking (SSI) and Radio **Electronic Token** Block (RETB) systems may be considered in terms of a multi-level structure comprising 4 levels. The lowest level, safety management, manages the safety of the system hardware, including self tests and comparisons between parallel redundant processors. The next level is concerned with communications and interfacing. The functional program level implements the rules of the signalling or train control system. It is common to the whole railway network and is configured to the requirements of a specific location by the geographical data level. (0 Refs)

Subfile: C

Descriptors: DP management; railways; safety; signalling; software reliability; traffic computer control

Identifiers: software requirements; SSI; RETB; railway signalling system; command information; train position; railway equipment; train movements; processor-based systems; BR Solid State Interlocking; Radio **Electronic Token** Block; multi-level structure; safety management; system hardware; self tests; parallel redundant processors; communications; interfacing; functional program level; train control system; railway network; geographical data level

Class Codes: C7490 (Other engineering fields); C3370L (Remote signalling, dispatching and safety devices); C3360D (Rail-traffic systems); C0310F (Software development management); C6110B (Software engineering techniques); C7420 (Control engineering)

11/5/7 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03056422 INSPEC Abstract Number: B88011450, C88006662

Title: Basic conception of electronic level crossing system

Author(s): Kumagai, T.

Author Affiliation: Signal & Telecommun. Lab., Railway Tech. Res. Inst., Tokyo, Japan

Journal: Quarterly Report of the Railway Technical Research Institute
vol.28, no.1 p.13-14

Publication Date: March 1987 Country of Publication: Japan

CODEN: QRTIA8 ISSN: 0033-9008

Language: English Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: In recent years, the introduction of microelectronics into railway signalling systems has been promoted. The computerized interlocking SMILE and **electronic token** systems are good examples of its application, and the introduction of microelectronics into a level crossing system is anticipated. A level crossing system consists of a train detector, a level crossing alarm, a level crossing signal, a crossing gate, an obstacle detector and a fault detector. These devices are controlled on an electromagnetic relay logic basis. The author clarifies problems in an existing level crossing system, and proposes technical measures in the introduction of microelectronics, and the functions and effects of a new system. (0 Refs)

Subfile: B C

Descriptors: microcomputer applications; railways; traffic computer control

Identifiers: device control; electronic level crossing system; microelectronics; railway signalling systems; computerized interlocking SMILE; **electronic token** systems; train detector; level crossing alarm; level crossing signal; crossing gate; obstacle detector; fault detector; electromagnetic relay logic

Class Codes: B8520 (Transportation); C3360D (Rail-traffic systems); C7420 (Control engineering)

11/5/8 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

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02992242 INSPEC Abstract Number: B87072514, C87058508

Title: Lecture on data transmission (railways)

Author(s): Shindo, H.

Journal: Shingo Hoan vol.42, no.1 p.39-42

Publication Date: 1987 Country of Publication: Japan

CODEN: SHIHA4 ISSN: 0286-3006

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The transmission system is represented as the path to transmit and receive information necessary for the total system including the transmit terminals and receiving terminals. As the transmitting/receiving terminals of the actual system, there are station devices (or operation supervisory controller) for the **electronic token** system, CTC central

processor for CTC, central controller for MARS, etc. As the transmission path to connect these terminals with each other, there are balance cables, coaxial cables, wireless, optical fiber cables, etc. The author describes the transmission system viewed from the system side, referring to the transmission system, transmission rate, the method of synchronization, transmission control procedures, etc. (0 Refs)

Subfile: B C

Descriptors: data communication equipment; railways; signalling; traffic computer control

Identifiers: computerised traffic control; data transmission; transmit terminals; receiving terminals; operation supervisory controller; **electronic token** system; CTC central processor; balance cables; coaxial cables; wireless; optical fiber cables; transmission system; transmission rate; synchronization; transmission control procedures

Class Codes: B6210 (Telecommunication applications); B8520 (Transportation); C3360D (Rail-traffic systems); C7420 (Control engineering); C7490 (Other engineering fields)

11/5/9 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

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02914615 INSPEC Abstract Number: B87040900, C87041266

Title: DIPS computer complex featuring 100 Mb/s optical fiber rings

Author(s): Watanabe, S.; Hoshiko, T.

Author Affiliation: NTT, Tokyo, Japan

Journal: Japan Telecommunications Review vol.29, no.1 p.57-62

Publication Date: Jan. 1987 Country of Publication: Japan

CODEN: JTCRAN ISSN: 0021-4744

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The DIPS computer complex, a large scale, highly reliable, functionally distributed computer system, is introduced and its system functions are described. In this system, many DIPS computers are interconnected by dual 100 Mb/s optical fiber **electronic token** ring networks (data rings). The system control processor manages system operation, supervision, and configuration control, using a 48 kb/s coaxial loop (control loop). (0 Refs)

Subfile: B C

Descriptors: distributed processing; local area networks; optical fibres; optical links

Identifiers: DIPS computer complex; optical fiber rings; distributed computer system; **electronic token** ring networks; data rings; system control processor; coaxial loop; control loop; 100 Mbit/s; 48 kbit/s

Class Codes: B4125 (Fibre optics); B6210L (Computer communications); B6260 (Optical links and equipment); C5620L (Local area networks)

Numerical Indexing: bit rate 1.0E+08 bit/s; bit rate 4.8E+04 bit/s

11/5/10 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

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02811664 INSPEC Abstract Number: C87010153

Title: Electronic token system (railways)

Author(s): Sasaki, T.; Ohno, Y.; Tsunoyama, Y.

Author Affiliation: Railway Tech. Res. Inst., Tokyo, Japan

Journal: Quarterly Report of the Railway Technical Research Institute vol.27, no.2 p.56-60

Publication Date: 1986 Country of Publication: Japan

CODEN: QRTIA8 ISSN: 0033-9008

Language: English Document Type: Journal Paper (JP)

Treatment: New Developments (N); Practical (P)

Abstract: A new operation safety system is proposed to improve the management of local lines. This system is one in which part of the crew's job to handle the trains is done in the form of pressing the button on a radio set. It can thus make it possible to substantially reduce the equipment cost and allow the stations to be unmanned. Moreover, since it helps the controlling station to supervise the train operation, it can contribute to modernization and rationalization of line management. The authors also touch on the function, configuration, safety, etc. of the system. (0 Refs)

Subfile: C

Descriptors: rail traffic; railways; signalling; traffic control

Identifiers: **electronic token** system; railways; operation safety system; management; local lines; trains; configuration

Class Codes: C3360D (Rail-traffic systems)

11/5/11 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00388359 95OV06-006

Online payment mechanisms

Hyams, Peter

Online & CD-ROM Review , June 1, 1995 , v19 n3 p168-170, 3 Page(s)

ISSN: 0309-314X

Company Name: Electronic Business Co-Op; First Virtual

Product Name: Cybercash; Netcash; DigiCash

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

TECHNOLOGY UPDATE column focuses on electronic payment methods, considering the three approaches of centralized accounting (CA), **electronic tokens** (ETs), and electronic cash (EC). Says that CA payment schemes that is, credit cards, require the seller to pre-register and that there are security concerns which may be overcome by secure transaction technology being developed by Visa and Microsoft. Claims that ETs such as Cybercash, Netcash, and DigiCash work by users withdrawing ETs from an issuing bank server interactively online or via e-mail, and are possible due to advances in cryptographic coding. Cites the Mondex card as potentially the first EC system, and involves conventional banks rather than just software developers. Attention is given to the Electronic Business Co-Op, which eliminates the threat of fraud or data corruption, and to First Virtual, which holds collected funds for 90 days. Includes one photo and a list of contacts. (jo)

Descriptors: Online Transaction Processing; Electronic Shopping; Money ; Electronic Banking; Security

Identifiers: Cybercash; Netcash; DigiCash; Electronic Business Co-Op; First Virtual

11/5/12 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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00364259

NEW INFORMATION SERVICE USES FAX MACHINES

UK - NEW INFORMATION SERVICE USES FAX MACHINES

Information World Review (IWR) 0 March 1990 p18

ISSN: 0950-9879

Data Broadcast Services is developing Faxcast, a customised information service which will use TV broadcast signals to send messages to an unlimited number of Group 3 fax machines simultaneously throughout the world. Subscribers will pay a GBP20/m subscription for a Faxcast decoder allowing them to receive news relevant to their specified field of interest from information service providers, who will set their own charges. The service will be available on an 'Impulse Pay and Print' basis whereby **electronic tokens** are used to pay for any publication received and printed, as well as on a subscriber basis for frequently requested items. A demonstration Faxcast service is already in operation and Data Broadcast Services intends to offer 50 pre-production Faxcast receivers for evaluation in two months, followed by full production within four months. The service is being aimed at consumer organisations and large newspapers and the Metropolitan Police and DNSS have also shown interest.

PRODUCT: Facsimile Equipment (3662FX); Facsimile Services (4811FS);

EVENT: PRODUCTS, PROCESSES & SERVICES (30);

COUNTRY: United Kingdom (4UK); OECD Europe (415); NATO Countries (420);
South East Asia Treaty Organisation (913);

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File 344:Chinese Patents Abs Aug 1985-2004/Mar
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2003/Nov(Updated 040308)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200419
(c) 2004 Thomson Derwent
File 348:EUROPEAN PATENTS 1978-2004/Mar W03
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File 349:PCT FULLTEXT 1979-2002/UB=20040325,UT=20040318
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Set	Items	Description
S1	40	AU='BARKAN M':AU='BARKAN N'
S2	3	S1 AND TOKEN? ?

2/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012598679 **Image available**
WPI Acc No: 1999-404785/199934
XRPX Acc No: N99-301742

Internet payment system using electronic tokens
Patent Assignee: BARKAN M (BARK-I)
Inventor: **BARKAN M** ; BARKAN Y
Number of Countries: 084 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9927475	A1	19990603	WO 98IL563	A	19981119	199934 B
AU 9912567	A	19990615	AU 9912567	A	19981119	199944
EP 993642	A1	20000419	EP 98955880	A	19981119	200024
			WO 98IL563	A	19981119	

Priority Applications (No Type Date): IL 122263 A 19971120
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9927475	A1	E	57	G06F-017/60	
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
EP 993642	A1	E		G06F-017/60	Based on patent WO 9927475
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL SE					
AU 9912567	A			G06F-017/60	Based on patent WO 9927475

Internet payment system using electronic tokens
Inventor: **BARKAN M** ...

Abstract (Basic):

... An internet user purchases electronic **tokens** from a credit provider. When a chargeable service is requested by the user a **token** monitoring unit (13) determines from the transactions management unit (11) that there are enough credits...
... The figure shows a block diagram of the **token** system...
... **Token** database (11...
... **Token** monitoring (13...
... **Token** use database (14
...Title Terms: **TOKEN**

2/3,K/2 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01057324
PAYMENT SYSTEM AND METHOD USING TOKENS
ZAHLUNGSSYSTEM UND VERFAHREN DAS JETONS VERWENDET
SYSTEME ET PROCEDE DE PAIEMENT AU MOYEN DE JETONS
PATENT ASSIGNEE:

Barkan, Mordhai, (2120541), Brande Street 24, Petah Tikva 49600, (IL),
(Applicant designated States: all)
INVENTOR:
 Barkan, Mordhai , Brande Street 24, Petah Tikva 49600, (IL)
 Barkan, Yuval, 24 Brande Street, Petah Tikva 49600, (IL)
LEGAL REPRESENTATIVE:
 VOSSIUS & PARTNER (100314), Siebertstrasse 4, 81675 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 993642 A1 000419 (Basic)
 WO 9927475 990603
APPLICATION (CC, No, Date): EP 98955880 981119; WO 98IL563 981119
PRIORITY (CC, No, Date): IL 12226397 971120
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
 NL; SE
INTERNATIONAL PATENT CLASS: G06F-017/60
NOTE:
 No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English

PAYMENT SYSTEM AND METHOD USING TOKENS

INVENTOR:
 Barkan, Mordhai ...

2/3,K/3 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00496123 **Image available**

PAYMENT SYSTEM AND METHOD USING TOKENS
SYSTEME ET PROCEDE DE PAIEMENT AU MOYEN DE JETONS

Patent Applicant/Assignee:

 BARKAN Mordhai,
Inventor(s):

BARKAN Mordhai

Patent and Priority Information (Country, Number, Date):

 Patent: WO 9927475 A1 19990603

 Application: WO 98IL563 19981119 (PCT/WO IL9800563)

 Priority Application: IL 122263 19971120

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG
US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA
GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 10463

PAYMENT SYSTEM AND METHOD USING TOKENS

Inventor(s):

BARKAN Mordhai ...

Fulltext Availability:

 Detailed Description

 Claims

English Abstract

...for services on the internet according to the figure. A user is
provided with electronic **tokens** or stamps, against a payment by a third
party. When a service is requested by the user, a **token** monitoring unit
(14) determines if enough **tokens** are available to pay for the service,
if so, the service is performed. The status of the **tokens** used is then

STN Search

=> d hist

(FILE 'HOME' ENTERED AT 10:09:33 ON 01 APR 2004)

FILE 'CONFSCI' ENTERED AT 10:09:39 ON 01 APR 2004

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0 S ELECTRONIC() (TOKEN OR TOKENS)